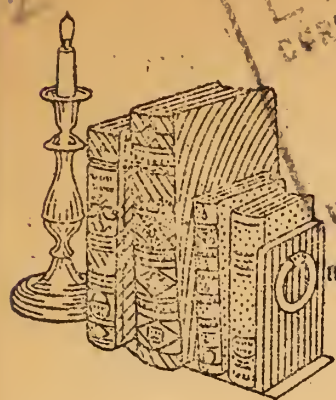


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LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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LIBRARY NEWS

Vol. 8, Nos. 1 and 2.

January and February 1948.

"Keepers of books, keepers of print and paper on the shelves,
librarians are keepers also of the records of the human spirit -
the records of men's watch upon the world and on themselves."

Archibald MacLeish

BOOKS RECENTLY RECEIVED IN YOUR LIBRARY

Burchfield, Laverne OUR RURAL COMMUNITIES: A Guidebook to Published Materials
on Rural Problems. Chicago, Illinois, Public Administration Service,
1947. 201 p. 281.2 B89

Chapter headings include: Schools; The Agricultural Extension Service;
Library Service; The Church; Medical Care and Health Services; Welfare
Services; Housing; Recreation; Children and Youth; Cooperatives and General
Farm Organizations; Local Government; Community Organization; Land Use;
General Publications on Rural Affairs.

Cahalane, Victor H. MAMMALS OF NORTH AMERICA. New York, Macmillan, 1947.
682 p. 412.1 C11M

"Mr. Cahalane...has done a remarkable job of taking the known scientific
facts, and from them constructing popular accounts and brief episodes in
the life of an individual that reveal the essential characteristics and
habits of the species." Audobon Magazine, September-October 1947.

"The best single volume devoted to the life histories of North American
mammals that this reviewer has ever read...written in simple terms...the
straightforward expression of a naturalist who...talks about it in every-
day language...something to read for sheer enjoyment...(The illustrations
by) Francis Lee Jacques are a splendid complement to the splendid text."

Natural History, October 1947.

Chapman, Herman Haupt and Meyer, Walter H. FOREST VALUATION. New York,
McGraw-Hill, 1947. 521 p.

"Successor to Forest Valuation, 1925 and Forest Finance, 1935." Preface.

Edminster, Frank C. FISH PONDS FOR THE FARM. New York, Scribner's, 1947.
114 p. 414 Ed5

"Managed fish ponds have taken a tremendous upswing in the United States..."

If the artificial fish pond is on a farm, as is usually the case, there are these other advantages: a ready supply of water in case of fire; a swimming hole; a scenic picnic site; a skating rink in winter; and of course plenty of good fishing almost at your door step. How to do all this is clearly and simply described by Frank C. Edminster of Lansdowne, who for the past ten years has been in charge of the wildlife program of the U. S. Soil Conservation Service for the northeastern states. There are hundreds, perhaps thousands of country home owners within 50 miles of Philadelphia who would find both profit and pleasure in a farm fish pond... Besides all the factual information needed to plan and carry out the building of a managed fish pond, he even tells you how to catch, clean and prepare the fish."

Raymond E. De Vries, Philadelphia Sunday Bulletin Book Review, Dec. 21, 1947.

Eldredge, I. F. THE FOUR FORESTS AND THE FUTURE OF THE SOUTH. Washington, D. C., Charles Lathrop Forestry Foundation, 1947. 65 p. 99.61 E12

"Cannot help but impress the reader with what a big contribution timberlands in the south can make to human welfare." Lyle F. Watts, Chief, U. S. Forest Service

Faulkner, Edward H. A SECOND LOOK. Norman, University of Oklahoma Press, 1947. 193 p. 56.7 F27S

"In preparing to write A Second Look, the author made a nation-wide tour and talked with innumerable agronomists, soil scientists and farmers, and attempted to find reconcilable ground for opposing points of view..The chapter Tile Treachery may provoke as much discussion among technical drainage engineers as did Plowman's Folly among agronomists and soil experts." U. S. Quarterly Booklist, September 1947.

Halsey, George D. HANDBOOK OF PERSONNEL MANAGEMENT. New York, Harper, 1947. 402 p. 249.3 H16H

"In scope and depth of treatment, in heightened common sense hard to beat ...annotated bibliographies open the whole literature of personnel and a list of sources of information and help in personnel management complete the volume...good for years."

Robert E. Kingery, New York Public Library, Library Journal, July 1947.

"Every paragraph reads as if it were written out of real experience."

American Business, September 1947.

Hosmer, Ralph S. THE CORNELL PLANTATIONS; A History. Ithaca, New York, Cayuga Press, 1947. 209 p. 451.1 H79

See review on p. 4-5 by Dr. Miles H. Cubbon, U. S. Soil Conservation Service.

Kieran, John FOOTNOTES ON NATURE. Garden City, N. Y., Doubleday, 1947. 279 p. 409 K54

"Random memories of nature walks...spiced with anecdotes of Mr. Kieran's boyhood on a Dutchess County farm. Most of his trips were taken in the wilds of Westchester or New England, but some were in the immediate vicinity of New York City. The appendix contains lists of birds, flowers, trees, and insects encountered on his walks and mentioned in the book."

Book Review Digest, September 1947

"The reader coasts through the pages with a pleasant sense of enjoying the outdoors, its rigors and rewards in good company."

Saturday Review of Literature, July 12, 1947.

Koroleff, A. and Fitzwater, J. A. MANAGING SMALL WOODLANDS; a Guide to Good and Profitable Use of Forest Land. Washington, D. C., American Forestry Association. 1947. 72 p. 99.55 K842

Lillard, Richard Gordon THE GREAT FOREST. New York, L. A. Knopf, 1947. 399 p. 99.04 L62

"Popular presentation of the forest situation with considerable emphasis on

early history...a lot of interesting detail and human interest...includes biographical notes on many well-known characters in the conservation movement and the lumber industry. The net effect of the book is extremely constructive. Both historical and current issues are presented objectively and without special pleading."

C. Edward Behre, U. S. Forest Service Information Digest, Dec. 3, 1947.

Mitchell, John W. and Marth, Paul C. GROWTH REGULATORS FOR GARDEN, FIELD AND ORCHARD. Chicago, Illinois, University of Chicago Press, 1947. 129 p. 90.11 M69

"The newest thing in gardening and horticulture is the increasing use of plant hormones and growth regulating chemicals. This book lists the common growth regulating chemicals and their uses and then goes into detailed consideration of weed control; vegetative propagation; transplanting trees, shrubs and herbaceous, climbing and trailing plants; preventing growth in stored plant materials; preventing fruit drop; ripening fruit; improving fruit set; producing seedless fruit; and certain other plant responses to growth regulating chemicals." Soil Science, February 1948.

Renne, Roland R. LAND ECONOMICS: PRINCIPLES, PROBLEMS AND POLICIES IN UTILIZING LAND RESOURCES. New York, Harper, 1947. 736 p. 282 R29

"The author first provides the reader with the background and perspective necessary to understanding and appreciation of land economics. He then discusses in detail the major land uses-agricultural, forest, recreational and urban land, mineral and water resources and transportation-and the major land use problems of tenure and tenancy, valuation and credit, taxation, and conservation. Policies and programs effective for solving these problems are analyzed, attention being focussed on the economic and social problems associated with land utilization...Of importance for individuals and agencies concerned with soil conservation, farm credit, land reclamation, agricultural adjustment, farm appraisal, etc."

Book Jacket.

Sears, Paul B. DESERTS ON THE MARCH. 2d ed.rev. Norman, Oklahoma University Press, 1947. 178 p. 277.12 Sel 1947

A revision of Dr. Sears' classic book.

Shepherd, Geoffrey S. AGRICULTURAL PRICE POLICY. 2d ed. Ames, Iowa State College Press, 1947. 440 p. 284.3 Sh4A Ed.2

Revision of Dr. Shepherd's earlier book, Agricultural Price Control.

"Reviews and analyzes twenty years of United States experience with agricultural price controls; appraises the present and prospective price situation in agriculture; sets forth desirable objectives of price policy in agriculture, and works out the broad outlines of price programs that would attain the objectives."

Announcement-Iowa State College Press

Sisam, J. W. B. THE USE OF AERIAL SURVEY IN FORESTRY AND AGRICULTURE.

Oxford, England, Imperial Forestry Bureau, and Aberystwyth, Imperial Bureau of Pastures and Field Crops, 1947. 59 p. 67 figs. (Joint Publication No. 9.) 10 Im73 No. 9.

"Divided into four main parts, the first being an introduction to air photography, giving its brief history and main advantages. The second part covers...the efficiency and cost of aerial photography', and the third the interpretation and application of aerial photographs. The fourth chapter covers the use of air photographs in land use and vegetation surveys."

Stiles, Walter TRACE ELEMENTS IN PLANTS AND ANIMALS. New York, Macmillan, 1946. 189 p. 395 St5

"It has been known for centuries that certain basic minerals are needed for the development and growth of plants and animals; but only in the last twenty years has much research been done on the effect of such elements as manganese, boron, aluminum and copper....Much of the research on trace elements in recent years has been in America, England, and Australia...Dr. Walter Stiles has collected the latest information on this important subject. The extent of his coverage may be judged by the more than 400 entries in the bibliography. We believe that this book will prove to be a landmark in the progress of agricultural research."

Announcement, Cambridge University Press Department

CORNELL PLANTATIONS: A HISTORY*

By Ralph S. Hosmer

Professor of Forestry Emeritus, Cornell University

Member, Arboretum Administrative Committee,

and Historian of the Cornell Plantations

Comment by Dr. Miles H. Cubbon, U. S. Soil Conservation Service, Upper Darby, Pa.

The material presented may be described under three headings: (1) Development of the Cornell Arboretum, beginning with the original small botanical garden, with the name changed to The Cornell Plantations in 1944; (2) Development of the gorges on the north and south sides of the campus; and (3) detailed appendices and citations as sources of material under (1) and (2).

Under heading 1, the historical sketch shows consistent planning toward broad objectives, from 1868 on, even though lack of funds greatly restricted the work. Much good work was done by a C.C.C. camp, from 1935 to 1941, by way of planting, trail and road building, etc. The area of several thousand acres adjacent to the campus, which the Cornell Plantations now embrace, offers a relatively wide range of climatic and ecologic conditions. Many exotic species have been established in habitats best suited to them. Large areas remain to be planted, and large areas will remain as farm land. Care in the locations of plantings was necessary to avoid upsetting natural conditions of flora or fauna needed for teaching purposes. An over-all plan has been evolved to meet the requirements of teaching and research, to make the areas readily accessible, and at the same time to preserve the natural beauty for which the region has long been noted. Many faculty members and professional landscape architects have had parts in developing this plan.

Great credit is due to two alumni, R. H. Treman and H. W. Sackett, for their assistance. These men, long members of the Board of Trustees, were keenly interested in the natural beauty of the University and its environs. They gave to the University the land occupied by the two gorges adjoining the campus, both north and south, and provided the means for cleaning up, beautifying, and making the gorges accessible to everyone.

Since 1944 Dr. Liberty Hyde Bailey has been chairman of the Cornell Plantations Policy Committee. The ultimate objectives of the Plantations Committee are summed up in Dr. Bailey's words: "It is a project, set us by friends of things that grow, to unify into one organic whole a series of enterprises that are

based on the land. It includes the systematic observation and study at Cornell of wild, of economic, and of ornamental plants, of trees, of wildlife, and of other forms of nature".

This book may not be of wide interest, but to people who are concerned with nature out-of-doors, the Cornell Plantations represent a challenge almost as great as that which confronted the first arboretum committee, and a vastly greater opportunity.

*Hosmer, Ralph S. THE CORNELL PLANTATIONS: A HISTORY. Ithaca, N. Y., Cayuga Press, 1947. 209 p. 451.1 H79

FORESTRY AND FOREST PRODUCTS

World Situation 1937 - 1946

Food and Agriculture Organization of the United Nations, 15 August 1946

This is the first compilation of facts on the world forest situation that has ever been made. Foresters everywhere should be familiar with it. The library has copies for loan to you by courtesy of Mr. J. C. Rettie, Northeastern Forest Experiment Station.

TWELFTH NORTH AMERICAN WILDLIFE CONFERENCE
TRANSACTIONS 1947 (412.9 N414 12th)

This 632 page volume contains sixty papers. Included among them are:

Lyle F. Watts	WATERSHEDS AND NATIONAL FORESTS.	pp. 17-23.
Hugh H. Bennett	AMERICAN WILDLIFE AND THE LAND.	pp. 23-33.
Albert M. Day	WILDLIFE CONSERVATION IN THE POST WAR WORLD.	pp. 33-40.
Walter C. Gumbel	POWER COMPANY'S STAKE IN WILDLIFE.	pp. 467-472.

THE NORTHEAST IN PRINT

Free, George R., Lamb, John Jr. and Carleton, Everett A. COMPACTIBILITY OF CERTAIN SOILS AS RELATED TO ORGANIC MATTER AND EROSION. American Society of Agronomy. Journal. December 1947, pp. 1068-1076.
All three authors are with the Division of Research, U. S. Soil Conservation Service, Ithaca, New York.

Markham, Alton and Schrack, Robert A. WAS THIS THE FIRST FARM FORESTRY IN AMERICA? Journal of Forestry, December 1947, pp. 900-902.

Mr. Schrack is with the U. S. Soil Conservation Service, Newport, R. I.

Nelson, W. L. and Hawkins, Arthur RESPONSE OF IRISH POTATOES TO PHOSPHORUS AND POTASSIUM SOILS HAVING DIFFERENT LEVELS OF THESE NUTRIENTS IN MAINE AND NORTH CAROLINA. American Society of Agronomy. Journal, December 1947, pp. 1053-1067.

Mr. Hawkins is Associate Soil Scientist, Bureau of Plant Industry, Soils and Agricultural Engineering, Orono, Maine

Peterson, Lyall E. FOREST PRODUCTS OF PARAGUAY. Journal of Forestry, January 1948, pp. 20 ff.

Mr. Peterson was for a time with the Northeastern Forest Experiment Station.

Ritter, Edward A SIMPLE BINOCULAR HOLDER. Fire Control Notes, January 1948. p. 12. Mr. Ritter is with the U. S. Forest Service, Philadelphia, Pa.

Sheals, R. A. AIRPLANE SPRAYING FOR GYPSY MOTH CONTROL. Journal of Forestry, October 1947, pp. 712-714.

The author is with the Bureau of Entomology and Plant Quarantine in Greenfield, Massachusetts.

Simmons, Fred C. CONSTRUCTION OF ALL WEATHER ROADS. Southern Lumberman, December 15, 1947, pp. 282-283, 286, 288, 290, 292.

Simmons, Fred C. GOOD LOGGING PRACTICE. 2. Peavies, cant hooks and pulp hooks. Timber of Canada, December 1947, pp. 38-39, 58.

Simmons, Fred C. LOGGING PRACTICE. Timber of Canada, January 1948, pp. 31-33, 78, 80, 81.

Simmons, Fred C. LOGGING TRUCKS. Southern Lumberman, November 15, 1947, 86, 88, 90.

Mr. Simmons is with the Northeastern Forest Experiment Station, Phila., Pa.

Sullivan, J. T. and Garber, R. J. CHEMICAL COMPOSITION OF PASTURE PLANTS with Some Reference to the Dietary Needs of Grazing Animals. State College, Pennsylvania Agricultural Experiment Station, 1947. 61 p. Bulletin 489. Bibliography pp. 51-56. 100 P38

The authors are Physiologist and Director, respectively, of the U. S. Pasture Research Laboratory, State College, Pennsylvania.

OUR CHANGING LAND POLICY

The leading article in the January 1948 issue of the Journal of Soil and Water Conservation is "Our Changing Land Policy" by E. H. Taylor, Associate Editor of the Country Gentleman. This paper was given at the Second Annual Meeting of the Soil Conservation Society of America at Omaha, Nebraska on December 4, 1947. In the editor's note introducing this article it is described as "the most important statement on land policy that has come to the attention of the American people." He rates it as "must reading for the professional conservationist."

The author called twice at the Philadelphia Branch Library when he was gathering material for this paper; and in January paid a courtesy visit to present an advance reprint of the article, together with his thanks.

PERIODICALS CURRENTLY AVAILABLE FOR CIRCULATION - ADDITIONS

Waterways journal. St. Louis, Mo. w.

West Virginia hills and streams. Charleston, W. Va. m.

A complete list of periodicals available for routing from your Branch Library may be had on request. (See article on Periodical Routing Service in your October 1947 Library Newsletter.)

WHAT EVERY USDA EMPLOYEE IN THE NORTHEAST REGION SHOULD KNOW ABOUT HIS LIBRARY

We now have for your convenience on request a reprint of this leaflet which first appeared in your September 1946 newsletter. If you are new in USDA field service or if you wish a refresher course on the privileges of your field library service, ask us to send it to you.

SELECTED BULLETINS RECENTLY RECEIVED IN YOUR BRANCH LIBRARY

Agricultural Statistics

Food and Agriculture Organization of the United Nations. 1946 HANDBOOK OF AGRICULTURAL STATISTICS. Washington, D. C., 1946. 134 p. 251 F73
See also on page 5 notice of FORESTRY AND FOREST PRODUCTS: WORLD SITUATION 1937-1946.

Agronomy

Virginia Polytechnic Institute and Agricultural Extension Service. A HANDBOOK OF AGRONOMY. Blacksburg, Va., 1947. 72 p. Bulletin 97. Revised July 1947. 275.29 V81B

See also Soil Conservation Guides listed in your Library Newsletter November-December 1947, p. 1.

Cooperatives

U. S. Bureau of Labor Statistics. DEVELOPMENTS IN CONSUMERS' COOPERATIVE MOVEMENT IN 1946. Washington, D. C., 1947. Bulletin 904. 37 p. 158.6 B87

Farm Woodlots

Cope, J. A. CARE AND CULTURE OF FARM WOODLOTS. Ithaca, N. Y., New York State Extension Service, 1947. 46 p. Cornell Extension Bulletin 716. 100 N48
Preston, John F. THE FARM WOODLAND: Subject Material for In-Service Training. Washington, D. C., U. S. Soil Conservation Service, 1947. 36 p. 1.96 Op2Far

Flood Control

Bevan, Arthur FLOOD CONTROL SURVEYS IN THE NORTHEAST. Philadelphia, Pa., Northeastern Forest Experiment Station, 1947. 9 p. Station Paper 10. 1.9622 N2St22

Forest Tree Breeding

Farrar, J. L. FOREST TREE BREEDING IN CANADA. Ottawa, Cloutier, 1947. 17 p. 99.34 F24

Forestry Conference

FIFTH BRITISH EMPIRE FORESTRY CONFERENCE. Great Britain, 1947. Summary report resolutions and reports of committees. London, 1947. 56 p.

Geographic Area

U. S. Bureau of the Census. Sixteenth Census of the United States, 1940. MEASUREMENT OF GEOGRAPHIC AREA. Washington, D. C., 1947. 120 p. 157.4 C163M

Geology - Maine

Miller, Ralph L. GEOLOGY OF THE KATAHDIN PYRRHOTITE DEPOSIT AND VICINITY, PISCATAQUIS COUNTY, MAINE. Augusta, Maine, Maine Development Commission, 1945. 21 p. Maine Geological Survey Bulletin 2. 406 M28
Miller, Ralph L. MANGANESE DEPOSITS OF AROOSTOOK COUNTY, MAINE. Augusta, Maine, Maine Development Commission, 1947. 77 p. Maine Geological Survey Bulletin 4. 406 M28
Terzaghi, Ruth D. PETROLOGY OF THE COLUMBIA FALLS QUADRANGLE, MAINE. Augusta, Maine, Maine Development Commission, 1946. 18 p. Maine Geological Survey Bulletin 3. 406 M28

trative agencies, but which must be the subject of integrated analysis and then of action." U. S. Quarterly Book List, June 1947

"A delightful little volume." Annals, American Academy of Political and Social Science, Number 253, September 1947.

Jull, Morley Allan RAISING TURKEYS, DUCKS, GESE, GAME BIRDS. New York, McGraw-Hill, 1947. 467 p. Bibliography pp. 448-450. 47 J94R

Kolb, John Harrison and Brunner, E. deS. STUDY OF RURAL SOCIETY. Boston, Mass., Houghton Mifflin, 1946. 717 p. Ed. 3. 281.2 K83 Ed. 3.

"Charts, as few books have, the progress made in rural research...a notable contribution toward the achievement of a scientific study of rural society."

Douglas Ensminger, Rural Sociology, March 1947.

Leary, James C., Fishbein, William I. and Salter, Lawrence C. DDT AND THE INSECT PROBLEM. New York, McGraw-Hill, 1946. 176 p. 423 L47

"This book...is devoted to DDT itself, what it can do, what it cannot do, and what possibly can be expected of it in the future. As the authors state, 'It is not a scientifically complete summary of the literature for the research worker. It is rather a summary prepared with the needs of the user in mind, and emphasis herein stems from that objective.' The users are many and varied and include public health officials, medical men, farmers and foresters who wish to protect plants and domesticated animals from the attack of insect pests, and those of us who abhor flies, mosquitoes, and cockroaches around the house...The book is well organized, well written, and well documented. It presents a fair and dispassionate discussion of the merits, limitations and weaknesses of DDT. It presents the facts and gives the source of information. There are formulations and methods of application, examples of pests very susceptible to DDT and those against which DDT has been found ineffective. Withal it is interesting reading...The section on forest and shade tree pests, although only seven pages in length, brings up to date (October 1946) the results attained in the control of gypsy moth, canker worms, spruce budworm, Japanese beetle, and others...Any person interested in the significance of insect pests to man and the control of these pests will find the general discussion absorbing."

R. B. Friend, Conn. Agr. Expt. Station, Journal of Forestry, February 1947.

Lowe-Brown, William L. AN INTRODUCTION TO SOIL MECHANICS. New York, Pitman, 1947. 2d ed. 61 p. 290 L95 2d ed.

Maynard, Harold H. and Beekman, Theodore N. PRINCIPLES OF MARKETING. New York, Ronald Press, 1946. Ed. 4. 736 p. 280.3 M45P Ed. 4.

Maynard, Leonard Amby ANIMAL NUTRITION. New York, McGraw-Hill, 1947. 494 p. 2d ed. 389.7 M45 Ed.2

Selected literature at end of each chapter. List of visual aids pp. 465-7.

"An important book that merits study." Soil Science, July 1947.

"Well written in an interesting readable and understandable style. The literature citations and reference lists are exceptionally well chosen."

Science, July 25, 1947.

"Dairymen will be particularly interested in the sections dealing with nutritional factors in lactation and protein allowances for milking cows."

Milk Plant Monthly, September 1947.

Pearson, Haydn S. SUCCESSFUL PART-TIME FARMING. New York, McGraw-Hill, 1947. 322 p. 31.3 P312S For list of low-cost bulletins see pp. 309-310.

"Practical advice on part-time farming as to location, distance from work, transportation, water supply, electricity, acreage and neighbors. Partial

contents: The vegetable garden; The home orchard; Milk-goats; The family flock of hens; The pig, economical meat producer; Small greenhouse business; Strawberries; Asparagus; Peaches; Cultivated blueberries; Good recipes based on farm-raised foods." Book Review Digest, September 1947

"For those who want to combine country living with city working, Haydn Pearson offers an excellent handbook which can be most useful if consulted before the move from city to country is made."

New York Times Book Review, June 20, 1947

Smith, Samuel Stephenson STYLE RULE To Serve the Writer, Student, Stenographer, Business Man, Advertising Copy-writer, Reporter, and Editor as a Slide Rule Serves the Engineer. New York, Wordsmith, 1947. 23 p. 200.4 Sm6

BOOKS ON FORESTRY, CONSERVATION AND WILDLIFE SELECTED FOR A TOWN FOREST COMMITTEE

This winter a town forestry committee in New England asked the U. S. Forest Service to give them a list of books on these subjects from which selections might be made for addition to their town library. The Philadelphia Branch Library prepared such a list and reprints it here for those of you who may find it useful.

- Baldwin, Henry Ives FOREST TREE SEED OF THE NORTH TEMPERATE REGIONS. Waltham, Mass., Chronica Botanica, 1942. 240 p. 61 B192
- Bennett, Hugh Hammond ELEMENTS OF SOIL CONSERVATION. New York, McGraw-Hill Book Co., 1947. 406 p. 56.7 B43E
- Bennett, Hugh Hammond THIS LAND WE DEFEND. New York, Longman's Green, New York, 1942. 107 p. 56.7 B43T
- Boerker, Richard H. D. BEHOLD OUR GREEN MANSIONS; a book about American forests. Chapel Hill, University of North Carolina Press, 1945. 313 p. 99.61 B63B
- Bromfield, Louis PLEASANT VALLEY. New York, Harper, 1945. 300 p. 31.3 B78
- Brown, Nelson Courtlandt LUMBER; ITS MANUFACTURE, CONDITIONING, GRADING, DISTRIBUTION AND USE. New York, John Wiley, 1947. 344 p. 99.76 B81Lu
- Butler, Ovid, compiler AMERICAN CONSERVATION IN PICTURE AND STORY. Washington, D. C., American Forestry Association, 1941. 160 p. 279.12 B97
- Buttrick, Philip Laurence FOREST ECONOMICS AND FINANCE. New York, John Wiley, 1943. 484 p. 99.7 B98
- Cahalane, Victor Harrison MAMMALS OF NORTH AMERICA. New York, Macmillan, 1947. 682 p. 412.1 C11M
- Carhart, Arthur Hawthorne HUNTING NORTH AMERICAN DEER. New York, Macmillan, 1946. 232 p.
- Chapman, Herman Haupt FOREST VALUATION, with special emphasis on basic economic principles. New York, Macmillan, 1947. 521 p. 99.57 C36F
- Cheyney, Edward G. AMERICAN SILVICS AND SILVICULTURE. Minneapolis, Minn., University of Minnesota Press, 1942. 472 p. 99.45 C42
- Cheyney, E. G. and Schantz-Hansen, Thorwald THIS IS OUR LAND; the story of conservation in the United States. St. Paul, Minn., Webb Book Publishing Co., 1946. Revised. 345 p. 279.12 C42 1946
- Edminster, Frank Custer THE RUFFED GROUSE, its life story, ecology and management. New York, Macmillan, 1947. 385 p. 413 Ed5
- Eldredge, Inman Fowler THE 4 FORESTS AND THE FUTURE OF THE SOUTH. Washington, D. C., Charles Lathrop Pack Forestry Foundation, 1947. 65 p. 99.61 E12
- Elliott, Charles N. CONSERVATION OF AMERICAN RESOURCES. Atlanta, Ga., T. E. Smith & Co., 1940. 672 p. 279.12 E15
- Edminster, Frank Custer FISH PONDS FOR THE FARM. New York, Scribner's, 1947. 114 p. 414 Ed5

- Gabrielson, Ira N. WILDLIFE CONSERVATION. New York, Macmillan, 1941. 250 p.
412.9 G11
- Gabrielson, Ira N. WILDLIFE REFUGES. New York, Macmillan, 1943. 227 p.
412.9 G11W
- Gaer, Joseph MEN AND TREES, the problem of forest conservation and the story of
the U. S. Forest Service. New York, Harcourt Brace, 1939. 118 p. 99.5 G11
- Graham, Edward Harrison THE LAND AND WILDLIFE. New York, Oxford University
Press, 1947. 232 p. 282.12 G76
- Graham, Edward Harrison NATURAL PRINCIPLES OF LAND USE. New York, Oxford
University Press, 1944. 274 p. 282 G76
- Gustafson, Axel Ferdinand CONSERVATION IN THE UNITED STATES. Ithaca, N. Y.,
Comstock Publishing Co., 1944. 477 p. 379.12 G97
- Gustafson, Axel Ferdinand LAND FOR THE FAMILY; A GUIDE TO COUNTRY LIVING.
Ithaca, New York, Comstock Publishing Co., 1947. 501 p. 31.3 G97
- Gustafson, Axel Ferdinand USING AND MANAGING SOILS. New York, McGraw-Hill,
1948. 431 p.
- Hausman, Leon Augustus THE ILLUSTRATED ENCYCLOPEDIA OF AMERICAN BIRDS. Garden
City, N. Y., Garden City Publishing Co., Inc., 1947. 541 p. 413 H291
- Hawley, Ralph Chipman THE PRACTICE OF SILVICULTURE. 5th ed. New York, John
Wiley, 1946. 354 p. 99.45 H31 Ed.5
- Holbrook, Stewart Hall BURNING AN EMPIRE, the story of American forest fires.
New York, Macmillan, 1943. 229 p. 99.51 H69
- Horn, Stanley Fitzgerald THIS FASCINATING LUMBER BUSINESS. Indianapolis,
Bobbs-Merrill, 1943. 322 p. 99.76 H78
- Kieran, John FOOTNOTES ON NATURE. Garden City, N. Y., Doubleday, 1947.
279 p. 409 K54
- Kittredge, Joseph FOREST INFLUENCES. New York, McGraw-Hill, 1948.
- Knight, John Alden RUFFED GROUSE. New York, Knopf, 1947. 271 p.
- Koroleff, Alexander Michael MANAGING SMALL WOODLANDS, a guide to good and pro-
fitable use of forest land. Washington, American Forestry Association,
1947. 72 p. 99.55 K842
- Koroleff, Alexander Michael PRACTICAL WOODLOT MANAGEMENT; how to use the
forest soundly and profitably. Montreal, Canadian Forestry Association,
1946. 60 p. 99.62 K84
- Kortright, Francis H. THE DUCKS, GEESE AND SWANS OF NORTH AMERICA. Washington,
D. C., American Wildlife Institute, 1943. 476 p. 413 K84 1943
- Leopold, Aldo GAME MANAGEMENT. New York, Scribner's, 1933. 481 p. 412.9 L51
- Lillard, Richard Gordon THE GREAT FOREST. New York, Knopf, 1947. 399 p.
99.04 L62
- Lutz, Harold John and Chandler, Robert F., Jr. FOREST SOILS. New York, John
Wiley, 1946. 514 p. 56.3 L97
- McAtee, Waldo Lee THE RING-NECKED PHEASANT AND ITS MANAGEMENT IN NORTH AMERICA.
Washington, D. C., American Wildlife Institute, 1945. 320 p. 413 M11R
- May, John Richard THE HAWKS OF NORTH AMERICA; their field identification and
feeding habits. New York, National Association of Audubon Societies, 1935.
140 p. 413 M455
- National Wildlife Association THE FOUNDATIONS OF CONSERVATION EDUCATION.
Washington, D. C., National Wildlife Federation, 1941. 242 p. 279 N215F
- Pinchot, Gifford BREAKING NEW GROUND. New York, Harcourt, Brace, 1947.
522 p. 120 P652
- Renner, G. T. and Hartley, W. H. CONSERVATION AND CITIZENSHIP. New York,
D. C. Heath, 1940. 367 p. 279 R26

- Renner, G. T. CONSERVATION OF NATIONAL RESOURCES; an educational approach.
New York, John Wiley, 1942. 228 p.
- Sears, Paul B. DESERTS ON THE MARCH. Norman, Okla., University of Oklahoma
Press, 1947. 2d ed. 178 p. 277.12 Sel 1947
- Shepard, Ward FOOD OR FAMINE; the challenge of erosion.. New York, Macmillan,
1945. 225 p. 56.7 Sh4F
- Stoddard, Herbert L. THE BOBWHITE QUAIL. New York, Scribner's, 1936. 559 p.
413 St6
- Tansley, Arthur George OUR HERITAGE OF WILD NATURE; a plea for organized nature
conservation. Cambridge, England, University Press, 1945. 74 p.
279.171 T15
- Teale, E. W. THE LOST WOODS; adventures of a naturalist. New York, Dodd Mead
and Co., 1946. 326 p. 409 T22
- Van Dersal, William R. THE AMERICAN LAND, its history and its uses. New York,
Oxford University Press, 1943. 215 p. 282.12 V28
- Van Dersal, William R. and Graham, E. H. THE LAND RENEWED; the story of soil
conservation. New York, Oxford University Press, 1946. 109 p. illus.
56.7 V28
- Westveld, Rutherford Henry FORESTRY IN FARM MANAGEMENT. New York, John Wiley,
1941. 339 p. 99.55 W52
- Wilde, Sergius Alexander FOREST SOILS AND FOREST GROWTH. Waltham, Mass.,
Chronica Botanica, 1946. 241 p. 56.3 W64F

MEET THE AUTHOR

Have you read T. Swann Harding's Two Blades of Grass (University of Oklahoma Press, 1947, 31.3 H21T)? We understand that the author will be visiting several USDA agencies here about the middle of May. He is also, by the way, editor of your fortnightly news sheet, U.S.D.A.

Before you meet him why don't you borrow from the library for a few days his book of which Secretary Anderson wrote in the foreword: "I am glad to see in this volume an account of the Department of Agriculture as a research institution, and of its distinguished scientific workers. The author is a veteran employee of the Department having entered it in 1910 and served consecutively as a research chemist, its editor of scientific publications, and an information specialist. His career has afforded him an excellent opportunity to make this out-of-hours project both interesting and accurate."

WHO'S WHO IN AMERICA 1948-1949

A Biographical Dictionary of Notable Living Men and Women in the United States

Any one you want to look up? The Fiftieth Anniversary Edition (1948-1949) is now in your library for reference use. If you can't come in, phone or send us a card asking us to relay the information to you.

HEARINGS ON DEPARTMENT OF AGRICULTURE APPROPRIATION BILL FOR 1949

Parts 1 and 2 of the hearings before the Sub-Committee of the Committee on Appropriations, House of Representatives, 80th Congress, 2d session (1239 p.) are here for reference and limited circulation.

A FEW BULLETINS RECENTLY ADDED TO YOUR LIBRARY

Agricultural Finance

Tostlebe, A. S. and others. AGRICULTURAL FINANCE REVIEW, November 1947. (Volume 10). Washington D.C., U.S. Bur. of Agricultural Economics, 1947. 149 Ec78Af 146 pages of statistics on farm credit, farm insurance and farm taxation. U. S. Bureau of Agricultural Economics. THE BALANCE SHEET OF AGRICULTURE, 1947. Washington, D. C., 1948. 74 p. U.S.D.A. Misc. Pub. 642. I Ag84M

Exhibits

Gilbertson, H. W. EDUCATIONAL EXHIBITS: HOW TO PREPARE AND USE THEM. A Manual for Extension Workers. Washington, D.C., 1948. 41 p. Misc. Pub. 634

Forest Conservation

National Lumber Manufacturers Association. OUR ABUNDANT FORESTS. Washington, D. C., 1947(?). 14 p.

Harvard Forest Papers

Brues, Charles T. CHANGES IN THE INSECT FAUNA OF A NEW ENGLAND WOODLAND FOLLOWING THE APPLICATION OF DDT. Petersham, Mass., Harvard Forest, 1947. 18 p. V. 1, no. 1. 99.9 H26P
Holsoe, Torkel THE RELATION OF TREE DEVELOPMENT TO THE TIMING OF THE FIRST THINNING IN EVEN-AGED HARDWOOD STANDS. Petersham, Mass., Harvard Forest, 1947. 25 p. V. 1, no. 2. 99.9 H26P

River Study

Vermont Fish and Game Service THE NEW HAVEN RIVER STUDY, ed. by Leonard E. Foote. Montpelier, Vt., 1945. 12 p. Fisheries Research Bulletin 1. 412.9 V59F

Science and Public Policy

Steelman, John R. SCIENCE AND PUBLIC POLICY. Volumes 1-5. Washington, D.C., 1947. 173 P925
V. 1. A Program for the Nation. V. 2. The Federal Research Program. V. 3. Administration for Research. V. 4. Manpower for Research. V. 5. The Nation's Medical Research.

U. S. Standards

Viehmann, Catherine M. A CONSUMERS' GUIDE TO U. S. STANDARDS FOR FARM PRODUCTS. Washington, D.C., 1947. 21 p. U.S.D.A. Misc. Pub. 553 (revised) I Ag84M

Vermont Agriculture

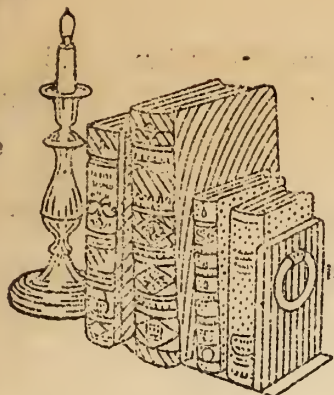
Adams, Thurston M. VERMONT COOPERATIVES: THEIR BUSINESS ACTIVITIES. Burlington, Vt., Vt. Agr. Expt. Sta., 1948. 27 p. Bulletin 540. 100 V59
Williams, Sheldon W. REDUCING DAIRY FARM CHORES ON A VERMONT FARM. Burlington, Vt., Vt. Agr. Expt. Sta., 1947. 12 p. Pamphlet No. 14. 100 V59P

West Virginia Agriculture

Stockdale, C. E. LIME SUPPLIES IN WEST VIRGINIA. Morgantown, W. Va., West Virginia Agr. Expt. Sta., 1947. 33 p. Bulletin 329. 100 W52

White Clover

Hollowell, E. A. WHITE CLOVER. Washington, D. C., 1947(revised). 8 p. U.S.D.A. Leaflet 119 I Ag84L



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CURRENT SERIAL RECORDS

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LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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Pennypacker 5-6978.

LIBRARY NEWS

Vol. 8, No. 4

April 1948.

BOOKS RECENTLY RECEIVED IN YOUR LIBRARY

Empire Forestry Association. THE FOREST, FORESTRY AND MAN. London, 1947.
68 p. 99 Em7

"A brief exposition of the historical background and scientific basis of forestry, and a review of the present and prospective world and Empire timber-supply situation...an exceedingly good job of covering a lot of ground in a small space...written in language any intelligent person can understand...clearly printed...attractively illustrated...it could be read with profit by foresters anywhere in the world."

W. N. Sparhawk, Journal of Forestry, November 1947.

Gustafson, Alex Ferdinand USING AND MANAGING SOILS. New York, McGraw-Hill, 1948. 420 p. 56.7 G97U

This text by Dr. Gustafson, Professor of Soil Technology, New York State College of Agriculture presents with clarity and precision the following subjects:

Getting acquainted with the soil; Selecting land for farming and country living; Tilling and managing crop soils; Controlling water in soils; Controlling soil erosion; Managing acid soils; Managing alkali soils; Keeping up organic matter and nitrogen in soils; Conserving and using farm manures; Growing and using green manure crops; Selecting and using commercial fertilizers; Planning systems of crop rotation; Managing pasture soils; Managing garden, fruit and lawn soils; Keeping soils productive over the years.

A list of visual aids (pp. 399-405) is a helpful feature of this book.

Kittredge, Joseph FOREST INFLUENCES; The Effects of Woody Vegetation on Climate, Water, and Soil, with Applications to the Conservation of Water and the Control of Floods and Erosion. New York, McGraw-Hill, 1948. 394 p. 99.36 K65

Its content is clearly indicated by its major chapter headings:

History of the development of forest influences; Climate, soil, and physiography of forest regions and their relations to forest influences; Vegetational factors; Determination of influences; Solar radiation and light; Air

temperature; Wind; Atmospheric moisture; Precipitation; Interception and stem flow; Fog drip; Evaporation and condensation; Snow; Influences of forest on soil evaporation; Soil temperature; Litter and forest floor; Soil moisture; Transpiration; Runoff and stream flow; Floods; Erosion; Control of erosion; Vegetation for erosion control; Watershed management and the protection forest.

Osborn, Fairfield OUR PLUNDERED PLANET. Boston, Little Brown, 1948. 217 p.
279 Osl

This may well be the most discussed book listed in our Newsletter this year. The author, President of the New York Zoological Society, says in brief: "The earth's resources are running out. We must all work together to survive. Man's conflict with Nature is a struggle even more deadly than atomic warfare." Louis Bromfield writes: "I can think of no book of greater importance at this time."

HOME WORK WHILE YOU WAIT

Names will surely crowd each other on our waiting list for Dr. Osborn's book, Our Plundered Planet. Many, many of the books included by the author in his excellent and copious list of background references will be standing on our shelves in the meantime. Maybe you will like to read two or three of these background books while you wait your turn. Some of them are listed below:

- American Philosophical Society. SYMPOSIUM ON FORESTRY AND THE PUBLIC WELFARE. 1945. pp. 399-488. 500 P533
- Bennett, H. H. SOIL CONSERVATION. 1939. 993 p. 56.7 B43S
- Bidwell, Percy Wells HISTORY OF AGRICULTURE IN THE NORTHERN UNITED STATES, 1620-1860. 1941. 512 p. 30.9 B47H
- Bogart, E. L. ECONOMIC HISTORY OF THE AMERICAN PEOPLE. 1942. 909 p. 277.12 B63
- Bowman, Isaiah FOREST PHYSIOGRAPHY. 1911. 759 p. 331 B68
- Brandt, Karl THE RECONSTRUCTION OF THE WORLD AGRICULTURE. 1945. 416 p. 281 B733
- Chase, Stuart RICH LAND, POOR LAND. 1936. 361 p. 279 C38
- Craven, A. O. SOIL EXHAUSTION AS A FACTOR IN THE AGRICULTURAL HISTORY OF VIRGINIA AND MARYLAND, 1606-1860. 1926. 179 p. 56.6 C85
- Ely, R. T. LAND ECONOMICS. 1940. 512 p. 282 E19L
- Graham, E. H. THE LAND AND WILDLIFE. 1947. 232 p. 282.12 G76
- Graham, E. H. NATURAL PRINCIPLES OF LAND USE. 1944. 274 p. 282 G76
- Graves, H. S. FOREST EDUCATION. 1935. 421 p. 99.06 G78E
- Heske, Franz GERMAN FORESTRY. 1938. 342 p. 99.66 H46
- Howard, Sir Albert THE SOIL AND HEALTH. 1947. 307 p. 56.6 H83S
- Jacks, G. V. VANISHING LANDS. 1939. 332 p. 56.7 J13V
- Kellogg, C. E. THE SOILS THAT SUPPORT US. 1941. 370 p. 56 K29
- Leopold, Aldo GAME MANAGEMENT. 1933. 481 p. 412.9 L55
- Lowdermilk, W. C. PALESTINE, LAND OF PROMISE. 1944. 236 p. 280.135 L95
- Lutz, H. J. FOREST SOILS. 1946. 514 p. 56.3 L97
- Lyon, T. L. THE NATURE AND PROPERTIES OF SOILS. 4th ed. 1943. 499 p. 56 L99N
- Mickey, Karl B. HEALTH FROM THE GROUND UP. 1946. 125 p. 56.6 In8
- Pennsylvania. University. Bicentennial Conference. CONSERVATION OF RENEWABLE NATURAL RESOURCES. 1941. 200 p. 279.12 P38
- Rorty, James TOMORROW'S FOOD; THE COMING REVOLUTION IN NUTRITION. 1947. 258 p. 389.1 R692

Stiles, Walter TRACE ELEMENTS IN PLANTS AND ANIMALS. 1946. 189 p. 395 St5
U. S. Department of Agriculture. SOILS AND MEN. Yearbook of Agriculture
1938. 1232 p. 1 Ag84Y
Weir, W. W. SOIL SCIENCE. 1936. 615 p. 56 W43
Zon, Raphael FOREST RESOURCES OF THE WORLD. 1923. 2 v. 99.1 Z7

RECENT ADDITIONS TO PERIODICALS CURRENTLY RECEIVED
IN THE PHILADELPHIA BRANCH LIBRARY

Economic review of food and agriculture. q.

Published by the Information Service of the Food and Agriculture Organization of the United Nations. The material is prepared by FAO's Division of Economics, Marketing and Statistics of which Howard R. Tolley is Director.

Farm policy forum. q.

Published at Ames, Iowa by Iowa State College Press. The chairman of its editorial board is Geoffrey S. Shepherd. It is "in digest form, stressing timely views on today's problems of food and agriculture."

International harvester world. m.

Published by International Harvester Company.

West Virginia hills and streams. bi-m.

"A magazine for sportsmen" published by Hills and Streams Publishing Co., Charleston, West Virginia.

FOR REFERENCE ONLY

LOCKWOOD'S DIRECTORY OF THE PAPER AND ALLIED TRADES 1948. R302 L81

THOMAS' REGISTER OF AMERICAN MANUFACTURERS. 38th ed. 1948. 4 v. R225 T36

THE GREAT FOREST

By Richard O. Lillard

Resume by Donald E. Whelan, Northeastern Forest Experiment Station,
U. S. Forest Service, Philadelphia, Pennsylvania

"The Great Forest" is the virgin forest that existed east of the "Great Plains" before our forefathers came to this country. This is a history of what happened to "The Great Forest" and the part it played in the development of our country.

The story unfolds by describing first the clearing of the forest by settlers, then the great commercial logging of the 19th century, and finally the growth of the conservation movement.

The forest challenged any movement to the west so that settlements were concentrated along the east coast and natural waterways. Roads were made by cutting the fewest trees possible and marshes were usually avoided. In some cases the settlers cleared by girdling, but the "standard practice was to chop off all vegetation above the ground and burn it up." The average farmer cut down every tree in sight until he had bare ground. The basic test of the settlers for "appraising soil was to study the trees not as timber, but as soil gages. The denser the shrubbery, the bigger and more numerous the trees, the faster their rate of growth-the better the soil." The Indian's cause was lost from the beginning since each family needed a thousand acres of virgin forest for hunting. Their mode of living was changed by an increased living standard. The

book contains an excellent description of Braddock's march to take Fort Duquesne and how the forest contributed to his great defeat.

Great fires began to occur in the 19th century. The greatest fire of all, the Peshtigo Horror in Wisconsin in 1871, where more than 1100 people met their deaths and a million and a quarter acres of forest burned, is described in heart-rending detail.

The story now goes back to the time when England visualized America as a source of masts and naval stores. The English tried to reserve trees for masts by marking the broad arrow on them. The settlers, however, ignored the broad arrow in making clearings and obtaining timber for their own ships. The great resistance in lumber regions helped to sap the strength of the Royal Navy and played a prominent part in the rebellion against England.

The predominant use of wood, "the primeval crop of our country's soil" was both logical and economical. Only scarcity could change our choice of construction materials. The development of eastern cities, railroads, telephone, telegraph, and grass lands require prodigious amounts of lumber. Even when coal partly replaced wood as fuel, the mines needed lots of lumber as props and rails. "Timbered land, which once had been the bane of settlement and development, now became the mainstay of both."

"The oldest criminal tradition in America is timber stealing." The laws of the Colony and the United States practically forced the lumbermen to obtain timber by stealing. The "Round-Forcics" developed where lumber interests bought 40 acres square of public land and helped themselves to the choicest timber for miles around." With the pressure of lumbermen on Congressmen, prosecution was almost impossible. In 1870 Uncle Sam owned three-quarters of the standing timber and was the greatest victim of timber stealing. The author gives a good description of the lives of the lumberjack, riverhog, and raftsman.

The first significant movement against the lumbermen was started by the farmers who resented the flash dams, the flooded fields and pastures, and "the doctrine that a saw log was a boat." The farmers were also enraged by the timber baron's high protective tariff on lumber which caused high prices.

In the beginning the conservation movement "overstressed tree planting and understressed the need for taking a limited harvest from present forests. Slowly the idea of planting trees gave way to the modern idea of forest management." The book gives a good description of the development of Forest Service and the forestry profession.

THE NORTHEAST IN PRINT

Rettie, James C. THE PURPOSE AND BASIC CONCEPTS OF TIMBER CONSUMPTION AND REQUIREMENTS STUDIES. Journal of Forestry, April 1948, pp. 237-242

Mr. Rettie is Chief, Forest Products Utilization Division, Northeastern Forest Experiment Station, Philadelphia, Pa.

Ritter, Edward FORESTS IN WESTERN GERMANY. Journal of Forestry, April 1948 pp. 263-266. Mr. Ritter is with the State and Private Forest Division,

U. S. Forest Service, Region 7, Philadelphia, Pa.

Rutherford, William Jr. FLASHLIGHT TARGET IMPROVES ABNEY SURVEYS. Journal of Forestry, April 1948, p. 299. Mr. Rutherford is Forest Economist with the Adirondack Branch, Northeastern Forest Experiment Station, Long Lake, N. Y.

Wright, Jonathan W. BOOK REVIEW - Les Peupliers Francais sur quelque Peupliers Francais de grande Culture et sur leur Differenciation au Point de Vere de l'Usage Rationnel dans les Industries du Bois, by Gilbert Meunier, Paris, 1947. Journal of Forestry, April 1948, pp. 313-314. Mr. Wright is a geneticist with the Northeastern Forest Experiment Station, Morris Arboretum, Philadelphia, Pa.

SELECTED BULLETINS RECENTLY RECEIVED IN YOUR BRANCH LIBRARY

Farm Buildings

Edgar, A. D. ROOF COVERINGS FOR FARM BUILDINGS AND THEIR REPAIR. Washington, D. C., 1948. 30 p. U.S.D.A. Farmers Bulletin 1751. 1 Ag84F

Feldkamp, Cora L. THE FARMHOUSE. A List of References. Washington, D. C., U.S. Dept. of Agriculture, Library, 1947. 40 p. Library List 19. 1.916 L614

U. S. Bureau of Plant Industry, Soils and Agricultural Engineering. YOUR FARMHOUSE...INSULATION AND WEATHER PROOFING. Washington, D. C., 1948. 16 p. U.S.D.A. Misc. Publication 633. 1 Ag84M

U. S. Bureau of Plant Industry, Soils and Agricultural Engineering. YOUR FARMHOUSE...PLANNING THE BATHROOM. Washington, D. C., 1948. 15 p. U.S.D.A. Misc. Publication 638 1 Ag84M

Forest Products

Hicock, Henry W. and Olson, A. Richard THE PRESERVATIVE TREATMENT OF FENCE POSTS AND OTHER STRUCTURAL MATERIALS. Storrs, Conn. Agricultural Expt. Sta., 1947. 19 p. Bulletin 509. 100 C76St

Kitazawa, George RELAXATION OF WOOD UNDER CONSTANT STRAIN (A study of the visco-elastic property of wood.) Syracuse, New York State College of Forestry, 1947. 12 p. Technical Bulletin 67. 99.9 N486T

Northeastern Wood Utilization Council. LIGNIN, CHEMISTRY AND UTILIZATION. Report of Conference at New Haven, Connecticut, September 19, 1947. New Haven, Conn., 1948. 135 p. Bulletin 19. 99.9 N819B

U. S. Forest Service. Forest products laboratory. TECHNIQUE OF HOUSE NAILING. In collaboration with the technical staff of the Housing and Home Finance Agency. Washington, D. C., 1947. 53 p. 1 F7692T

Forestry

Bess, Henry A., Spurr, Stephen H. and Littlefield, E. W. FOREST SITE CONDITIONS AND GYPSY MOTH. Petersham, Mass., Harvard Forest, 1947. 56 p. 99.9 H264

Bramble, William C. and others. EFFECT OF SEEDBED TYPE AND PROTECTION UPON GERMINATION AND EARLY ESTABLISHMENT OF VIRGINIA PINE. State College, Pennsylvania State Forest School, 1947. 5 p. Research Paper 9. 99.9 P386

Bamblé, William C. and others RESEARCH ON REFORESTATION OF SPOIL BANKS IN PENNSYLVANIA. State College, Pennsylvania State Forest School, 1948. 6 p. Research Paper 10. 99.9 P386

Coile, Theodore S. RELATION OF SOIL CHARACTERISTICS TO SITE INDEX OF LOBLOLLY AND SHORTLEAF PINES IN THE LOWER PIEDMONT REGION IN NORTH CAROLINA. Durham, N. C., Duke Univ., School of Forestry, 1948. 78 p. Bulletin 13. 99.9 D88

- Minckler, Leon S. and Chapman, Arthur G. TREE PLANTING IN THE CENTRAL, PIEDMONT AND SOUTHERN APPALACHIAN REGIONS. Washington, D. C., 1948. 39 p.
U.S.D.A. Farmers Bulletin 1994. 1 Ag84F
- Thimann, Kenneth V. and Behnke, Jane THE USE OF AUXINS IN THE ROOTING OF WOODY CUTTINGS. Petersham, Mass., Harvard Forest, 1947. 272 p. Maria Moors Cabot Foundation Publication No. 1. 99.9 H264Mp
- Tryon, H. H. and Finn, R. F. ON OBTAINING NATURAL HARDWOOD REGENERATION. Cornwall-on-the-Hudson, N. Y., Black Rock Forest, 1947. pp. 136-139. Black Forest Papers No. 22. 99.9 B562B

Fruit Growing

- Alderfer, R. B. and Fleming, H. K. SOIL FACTORS INFLUENCING GRAPE PRODUCTION ON WELL-DRAINED LAKE TERRACE AREAS. State College, Pennsylvania Agricultural Expt. Sta., 1948. 24 p. Bulletin 495. 100 P38
- Anthony, R. D. Farris, Nolan F. and Clarke, W. S. Jr. EFFECTS OF CERTAIN CULTURAL TREATMENTS ON ORCHARD SOIL AND WATER LOSSES AND ON APPLE TREE GROWTH. State College, Pennsylvania Agricultural Expt. Sta., 1948. 16 p. Bulletin 493. 100 P38
- Darrow, George M. and Waldo, George F. STRAWBERRY VARIETIES IN THE UNITED STATES. Washington, D. C., 1948. 30 p. U.S.D.A. Farmers Bulletin 1043. 1 Ag84F
- Dearing, Charles NEW MUSCADINE GRAPES. Washington, D. C., 1948. 28 p. U.S.D.A. Circular 769. 1 Ag84C
- Havis, Leon GROWING CHERRIES EAST OF THE ROCKY MOUNTAINS. Washington, D. C., 1948. 30 p. U.S.D.A. Farmers Bulletin 776. 1 Ag84F
- Rollins, Howard A. and Bobb, Arthur C. PRUNING FRUIT TREES. Storrs, Conn., Conn. Agr. Extension Service, 1947. 12 p. Bulletin 351. 275.29 C76

Maple Syrup

- Murphey, F. T. and Simonds, W. W. MAKING MAPLE SYRUP. State College, Pennsylvania Agr. Extension Service, 1947. 36 p. Circular 310. 275.29 P38

Oil Crops

- Hansen, Peter L. and Mitchell, Ronald L. OIL CROPS IN AMERICAN FARMING. Washington, D. C., 1947. 55 p. U.S.D.A. Technical Bulletin 940. 1 Ag84T

Rural Electrification

- U. S. Rural Electrification Administration. ELECTRICITY COMES TO RURAL AMERICA. Washington, D.C., 1947. Revised. 23 p. 1 R88E

Termites

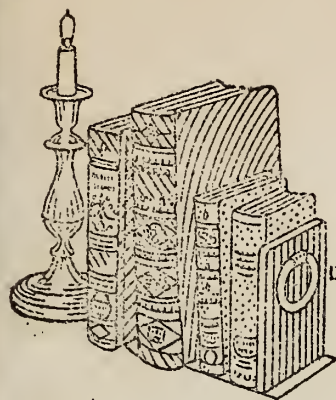
- U. S. Bureau of Plant Industry, Soils and Agricultural Engineering and U. S. Bureau of Entomology and Plant Quarantine. DECAY AND TERMITES DAMAGE IN HOUSES. Washington, D. C., 1948. 20 p. U.S.D.A. Farmers Bulletin 1993.

Watersheds

- U. S. Forest Service. KNOW YOUR WATERSHEDS. Washington, D. C., 1948. 13 p. AIS 67. 1 Ag84Ai

World Trade

- U. S. Department of Commerce. UNITED STATES ASSOCIATIONS IN WORLD TRADE AND AFFAIRS. Washington, D. C., 1947. 125 p. Industrial Series 70. 157.54 In24
Contains directory of 900 organizations in 190 cities in U. S. which have special interest in foreign trade, international affairs, or world peace; also text and statistics on the foreign trade of the United States and other nations



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LIBRARY NEWS

Vol. 8, Nos. 5 and 6.

May and June 1948.

THE STORY OF A GREAT FOREST FIRE

Stewart, George R. FIRE. New York, Random House, 1948. 336 p. 145.3 St4

"Any one who wants to get an idea about what goes on in fire fighting can get it from this book."

James K. Vessey, Asst. Regional Forester, U. S. Forest Service

"As a completely exhaustive narrative of the birth, life, struggles and death of a great forest fire, it seems to me enthralling."

Clifton Fadiman.

"The 14 day life of a forest fire...in the Ponderosa National Forest...a life of uncertainties, subtleties, overwhelming floods of flame, countered by all the techniques, tactics, and high strategy of the Forest Service, backed by the cumulative force of supply and manpower from country side and nearby cities. Through it weave the lives of the woman lookout on Cerro Gordo, the Weather Forecaster, the young school-trained Supervisor of the Forest, the veteran Ranger and many another...written with power and imagination."

Library Journal, March 15, 1948.

"The sort of poetry of warfare we might have had from St. Exupery had he lived ...two forms of discipline: first the discipline of accurate scientific observation and delicately precise reporting; second the discipline of rare understatement. Stewart reports this fire from every conceivable point of view: from that of the ants, pine squirrels, doe and fawn and grizzly bear; through several human levels to that of the fire boss who loves this forest...the reader (will not) carelessly toss a cigarette from the window of his car once he has read this beautiful and terrifying book."

Philadelphia Sunday Bulletin Book Review, April 18, 1948.

HOW TO USE YOUR LIBRARY

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WHAT EVERY USDA EMPLOYEE IN THE NORTHEAST REGION SHOULD KNOW ABOUT HIS LIBRARY.

THE BIBLIOGRAPHY OF AGRICULTURE

"Each month the BIBLIOGRAPHY OF AGRICULTURE provides a classified list of some 5000 to 7000 articles or separates. This bibliography is sent to all the offices of the department and is available to all of the staff. By using the author and subject indexes.....a member of the staff of the department is able to determine in fifteen or twenty minutes each month substantially all that has been published any place in the world that affects his work. A postcard or call to the library, or to any of its branches, brings to him any item of interest either in the original or in photographic reproduction.

The same service is available to everyone, except that those not employed by the department may have to subscribe to the BIBLIOGRAPHY OF AGRICULTURE. If the literature is not available in their local libraries they may have to pay the cost of photographic copies. In effect, this places the world's agricultural literature on the desk of every man who is willing to exert a minimum of effort to get it."

Ralph Shaw, The Librarian, U. S. Department of Agriculture
College and Research Libraries, April 1948.

Do YOU exert your "minimum of effort", your "fifteen or twenty minutes each month" to bring to your desk the current literature you need in the field of your work?

The copy received at your headquarters in the larger offices, or a routed copy from the Philadelphia Branch Library if a headquarters copy is not available should cross your desk every month. If you are not seeing it regularly, arrange with your own office or with the librarian of your Branch Library to have it routed to you.

CLIPPINGS FROM CURRENT REVIEWS

Bailey, John Wendell THE MAMMALS OF VIRGINIA. 1946. 416 p. 412.1 B15

"Several interesting chapters dealing with the history of Virginia mammalogy...the chapter on conservation especially will repay careful reading...presents description, life history, distribution and other data on 130 recent mammal forms recorded within the geographical and political limits of Virginia."

Nature Magazine, June-July 1947.

Booth, Edward T. COUNTRY LIFE IN AMERICA AS LIVED BY TEN PRESIDENTS OF THE UNITED STATES. 1947. 264 p. 281.2 B643C

"A country fellow who writes marvellous English tells what rural living meant to ten of our Presidents."

Wheeler McMillen, Farm Journal, May 1948.

Brown, Nelson C. LUMBER. 1947. 344 p. 99.76 B81Lu

"As a compendium of information on lumbering in the United States, this book is the best in this reviewer's opinion that has been presented."

A. E. Wackerman, Duke University, Journal of Forestry, April 1948.

Cahalane, Victor H. MAMMALS OF NORTH AMERICA. 1947. 682 p. 412.1 C11M

"Lively, informal, often humorous."

Library Journal, August 1947.

"Whether you use this book for reference...or merely for the kind of reading most animal lovers pour over from time to time, you will hardly be disappointed. Victor Cahalane, chief biologist of America's National Parks is also an author of some repute...happily endowed with the combination of talents necessary for turning out such a book."

U. S. Quarterly Book List, September 1947.

Collings, G. H. COMMERCIAL FERTILIZERS. Ed. 4. 1947. 522 p. 57.2 C69

"The 18 chapters deal with the early history of the fertilizer industry, source and manufacture of all the important fertilizer materials, problem of minor elements, adjusting soil reaction and fertilizer...to crop requirements. A bibliography of some 700 references is appended. The book has grown in value with each new edition until it is now probably the best in its field."

Soil Science, November 1947.

Dewhurst, James Frederic, ed. AMERICA'S NEEDS AND RESOURCES: a Twentieth Century Fund Survey which includes Estimates for 1950 and 1960. 1947.

812 p. 280.12 D512

"While it is not something you will select to curl up with by the fireside, it is worth looking through simply to learn that a broad-gauge detailed survey exists and to discover the nature of the information that is available for reference purposes."

C. E. Fox, U. S. Forest Service, Journal of Forestry, April 1948.

"This was a formidable enterprise and the result is an exceedingly formidable book. It will certainly be counted as one of the most important economic researches of the year; and no other publication, the Statistical Abstract excepted, is likely to pack so much information on the American economy between two covers...(The author) has tackled an important job and has handled it imaginatively and well."

J. K. Galbraith, New York Times, June 1, 1947.

Edminster, Frank C. RUFFED GROUSE. 1947. 172 p. 281.12 F94

"The first comprehensive resume of the existing data on the ruffed grouse to be written by a qualified biologist."

Journal of Wildlife Management, January 1948.

Fryer, Leland N. THE AMERICAN FARMER. 1947. 172 p. 281.12 F94

"A forthright and really challenging book...Obviously we need to lift our sights in handling the rural situation. And The American Farmer does much to point the way."

P. Alston Waring, Nation, August 30, 1947.

Goldschmidt, Water R. AS YOU SOW. 1947. 288 p. 281.010 G57

"An essay in social reform that strikes deep."

Walter C. McKain, Rural Sociology, December 1947.

Graham, Edward H. THE LAND AND WILDLIFE. 1947. 232 p. 282.12 G76

"A fascinating account...illustrated with handsome half-tones...Mr. Graham's program is substantially documented with actual examples and yet presented in a manner readable enough to intrigue the armchair cultivator."

Commonweal, June 13, 1947.

"This is one of the rare books that discusses problems of both land and wildlife with equal understanding and scientific soundness."

American Society of Agronomy. Journal. December 1947.

Hankerson, Fred R. COOPERAGE HANDBOOK. 1946. 182 p. 99.77 H19

"Gives all necessary information on the manufacture of barrels, their proper choice, their handling and storage, when and what kind of lining to use and how to apply it to the barrel. All expert specifications and Interstate Commerce Commission regulations are included."

Drug and Cosmetic Industry, August 1947.

Lutz, R. J. and Cline, A. C. RESULTS OF THE FIRST THIRTY YEARS OF EXPERIMENTATION IN SILVICULTURE IN THE HARVARD FOREST, 1908-1938. Part 1. The Conversion of Stands by Various Methods of Cutting and Subsequent Cultural Treatments. Harvard Forest Bulletin No. 23. 1947. 182 p. 99.9 N264

"This bulletin merits careful reading, especially by those responsible for extensive reforestation or for management of pure even-aged coniferous stands such as are commonly established by planting."

C. Edward Behre, Journal of Forestry, April 1948.

Mather, K. STATISTICAL ANALYSIS IN BIOLOGY. 2d ed. 1947. 267 p. 251 M42

"Because of its clarity the first edition...gained considerable favor among biologists. The revised edition is changed in no fundamental respect...It includes a new chapter on the angular transformation for proportions and the probit transformation for dosage-response data, written in the same clear style."

Science, August 15, 1947.

Newton, Stan PAUL BUNYAN OF THE GREAT LAKES. 1946. 188 p. 145 M48

"Newton writes with relish and spirit and the result is an enjoyable story of the mighty Bunyan and his pals enhanced by many deft touches."

American Forests, February 1948.

Wilcox, Walter W. THE FARMER IN THE SECOND WORLD WAR. 1947. 410 p. 281.12 W64

"A handy reference book. It covers the whole field of agriculture during the war, plowing it about as deeply as one moderate-sized volume can. Admittedly it deals with a war period that we hope will not be representative of future years, but many of the lessons learned in wartime can be applied in peacetime. The book is clearly written and easy to read."

Geoffrey Shepherd, American Economic Review, December 1947.

THE NORTHEAST IN PRINT

Carter, Roy M. and Rettie, James C. HIGHLIGHTS OF WOOD LAMINATING. Northeastern Wood Utilization Council, Bulletin 22, April 1948. pp. 5-20.

Both authors are with the Forest Utilization Service, Northeastern Forest Experiment Station, Upper Darby, Pa.

Carter, Roy M. SEASONING AND HANDLING OF LUMBER AND WOOD PRODUCTS. Northeastern Wood Utilization Council, Bulletin 21, April 1948, pp. 13-23.

Keller, John W. FORESTRY AND SOIL CONSERVATION. Journal of Forestry, May 1948. pp. 340-343.

Mr. Keller is chief of the Regional Nursery Division, Soil Conservation Service, Upper Darby, Pa.

Martin, Dorothy M. MEMORIES OF A FOREST FIRE LOOKOUT. New Hampshire Troubadour, May 1948. pp. 8-12.

A beautiful bit of writing about Dot's mountain tower on Mt. Pequawket and the White Mountain forest land which was hers to watch. Dot left the regional office in Philadelphia last month for the Education and Information Division in Washington.

- Simmons, F. C. LOGGING PRACTICE. Timber of Canada, March 1948. pp. 31, 84.
Mr. Simmons is with the Forest Utilization Service, Northeastern Forest Experiment Station, Upper Darby, Pa.
- Simmons, F. C. MECHANIZED LOGGING. Northeastern Wood Utilization Council, Bulletin 21, pp. 24-28.
- Walrath, Arthur J. and Gibson, W. L. Jr. FARM INHERITANCE AND SETTLEMENT OF ESTATES. Virginia Agricultural Experiment Station, Bulletin 413, January 1948. 32 p.
Mr. Walrath was for some time with the U. S. Bureau of Agricultural Economics, Upper Darby, Pa.

INTERNATIONAL AGRICULTURAL STATISTICS

Food and Agriculture Organization of the United Nations. YEARBOOK OF FOOD AND AGRICULTURAL STATISTICS-1947. Washington, D. C., 1947. 261 p.

"This volume...carries forward the work previously done by the International Institute of Agriculture at Rome. It brings up to date the figures previously supplied on agricultural production and livestock numbers and includes numerous revisions in the data for earlier years...The figures..are, with the exception of clearly indicated instances, the official figures supplied by the governments. All data received in the FAO headquarters office by 1 November 1947 have been taken into account...It should be noted that, despite its broad title, this volume does not include statistics on fisheries nor on forests and forest products, which will appear in separate yearbooks now in preparation." Preface.

SELECTED CURRENT BULLETINS

Farm Real Estate

Johnson, A. R. THE FARM REAL ESTATE SITUATION 1946-47. Washington, D. C., 1948. USDA Circular 780. 38 p. 1 Ag84C

Food

Hewston, Elizabeth M. and others. VITAMIN AND MINERAL CONTENT OF CERTAIN FOODS AS AFFECTED BY HOME PREPARATION. Washington, D. C., 1948. USDA Misc. Publication 628. 76 p. 1 Ag84M

U. S. Office of Foreign Agricultural Relations. WORLD FOOD SITUATION 1948. Washington, D. C., 1948. WFP-48. 59 p. 1.943 F7625

Forest Fires

Byram, George M. and Jemison, George M. SOME PRINCIPLES OF VISIBILITY AND THEIR APPLICATION TO FOREST FIRE DETECTION. Washington, D. C., 1948. USDA Technical Bulletin 954. 61 p. 1 Ag84T

Forestry and Forest Products

Archer, D. H. LABOR REQUIREMENTS FOR YARDING AND HAULING PULPWOOD. Upper Darby, Pa., Northeastern Forest Expt. Sta., 1948. 5 p. Station Paper 13. 1.9622 N2St22

Bickerstaff, A. SAMPLING EFFICIENCY OF LINE PLOT SURVEY ON RIDING MT. RESEARCH AREA. Ottawa, Canada, Dominion Forest Service, 1947. 11 p. Silvicultural Research Note 84. 99.9 C16Re

- Bickerstaff, A. ONE-FIFTH ACRE VERSUS ONE-TENTH ACRE PLOTS IN SAMPLING IMMATURE STANDS. Ottawa, Dominion Forest Service, 1947. 11 p. Silvicultural Research Note 83. 99.9 C16Re
- Bratton, Allen W. HARDWOOD LOG GRADING AND LUMBER VALUE. Upper Darby, Pa., Northeastern Forest Expt. Sta., 1948. 6 p. Station Paper 14. 1.9622 N2St22
- Burnham, C. F., Ferree, M. J. and Cunningham, F. E. THE WHITE PINE-HEMLOCK FORESTS OF THE ANTHRACITE REGION. Philadelphia, Pa., Northeastern Forest Expt. Sta., 1947. 25 p. Station Paper 11. 1.9622 N2St22
- DenUyl, Daniel. FOREST PLANTATIONS; THEIR ESTABLISHMENT, GROWTH AND MANAGEMENT. Lafayette, Ind., Purdue Univ. Agr. Expt. Sta., 1948. 31 p. Station Circular 331. 100 In2P
- Northeastern Wood Utilization Council. RECENT PROGRESS IN LAMINATED WOOD. New Haven, Conn., 1948. 72 p. Bulletin 22. 99.9 N819B
- Northeastern Wood Utilization Council. SELLING NATIVE LUMBER. New Haven, Conn., 1948. 32 p. Bulletin 21. 99.9 N819B
- Rogers, Earl J. ESTIMATING TREE HEIGHTS FROM SHADOWS ON VERTICAL AERIAL PHOTOGRAPHS. Philadelphia, Pa., Northeastern Forest Experiment Sta., 1947. 16 p. 1.9622 N2St22

FRUITS and Vegetables

- Beattie, J. H. PRODUCTION OF SPINACH. Washington, D. C., 1948. 8 p. USDA Leaflet 128 rev. 1 Ag84L
- Carroll, Thomas F. BACKGROUND INFORMATION AND STATISTICS FOR FRUIT MARKETING I. CHERRIES. Ithaca, N. Y., N. Y. State College of Agriculture, 1948. 66 p. A. E. 662. 281.9 C81
- Darrow, George M. and Waldo, George F. GROWING ERECT AND TRAILING BLACKBERRIES. Washington, D. C., 1948. 34 p. USDA Farmers Bulletin 1995. 1 Ag84F
- Doolittle, S. P. TOMATO DISEASES. Washington, D. C., 1948. 82 p. USDA Farmers Bulletin 1934 rev. 1 Ag84F
- Gooch, Donald W. PACKAGING AND PREPACKAGING OF FRESH FRUITS AND VEGETABLES JULY 1946-DECEMBER 1947. A List of References. Washington, D. C., 1948. 30 p. Library List No. 42. 1.916 L614
- Spangler, Raymond L. PREPARATION OF CABBAGE FOR MARKET. Washington, D. C., 1948. 20 p. USDA Farmers Bulletin 1423 rev. 1 Ag84F
- U. S. Production and Marketing Administration. A FRUIT AND VEGETABLE BUYING GUIDE FOR CONSUMERS. Washington, D. C., 1948. 61 p. USDA Misc. Publication 167 rev. 1 Ag84M

PLOWS

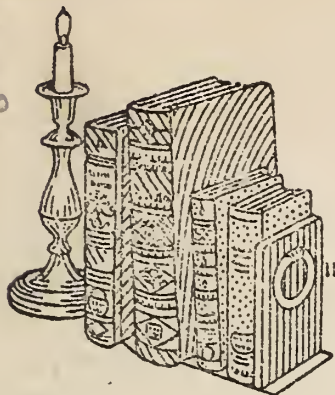
- Reed, I. F. DISK PLOWS AND THEIR OPERATION. Washington, D. C., 1948. 10 p. USDA Farmers Bulletin 1992. 1 Ag84F

Statistics

- U. S. Bureau of Agricultural Economics. THE PREPARATION OF STATISTICAL TABLES. A HANDBOOK. Washington, D. C., 1947. 39 p. 1.941 A22Pg1

Water Utilization and Port Development

- Pennsylvania. State Planning Board. INDUSTRIAL UTILITY OF WATER IN PENNSYLVANIA. Chemical Character of Surface Water 1944 to 1946. Harrisburg, Pa., 1947. 172 p. Publication No. 17. 280.7 P382
- Knappen Engineering Company. REPORT ON PRELIMINARY SURVEY OF THE DELAWARE RIVER PORT made for the Delaware River Joint Commission of Pennsylvania and New Jersey. New York, N. Y., 1948. 145 p.



LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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LIBRARY NEWS

Vol. 8, Nos. 7 and 8

July and August 1948.

YOUR LIBRARY

Ask your librarian to send you any or all of the following, if you need to know more about your library:

1. What Every USDA Employee in the Northeast Should Know About His Library.
2. List of Periodicals received by the Philadelphia Branch Library.
3. Earlier issues of this Library Newsletter.
4. Answers to any special questions about library service to you.

NEW BOOKS RECEIVED IN YOUR LIBRARY THIS SUMMER

Baver, Leonard David SOIL PHYSICS. New York, Wiley, 1948. 2d ed. 398 p.
56.93 B32 Ed. 2.

"Advances in the field of soil physics since the last edition have been incorporated into the revised text."

Beaumont, Arthur Bishop GARDEN SOILS: THEIR USE AND CONSERVATION. New York, Orange Judd, 1948. 280 p. 56.7 B382

Bess, H. A., Spurr, Stephen H. and Littlefield, E. W. FOREST SITE CONDITIONS AND THE GYPSY MOTH. Petersham, Mass., Harvard Forest, 1947. 56 p.
Harvard Forest Bulletin 22. 99.9 H264

"An important contribution to the literature of forest ecology in which the authors courageously attempt some correlations of the complex interrelationship among certain forest types, a pestiferous insect, and small mammals.Both the authors and the Harvard Forest are to be congratulated on an excellent and timely work in a complex field."

Journal of Forestry, June 1948

Bromfield, Louis MALABAR FARM; with drawings by Kate Lord. New York, Harper, 1948. 405 p. 31.3 B78M

"Mr. Bromfield passes on to you the thrills, joys and satisfactions of life close to the land."

Cook, Hugh L. and Day, George H. THE DRY MILK INDUSTRY. Chicago, Illinois, American Dry Milk Institute, 1947. 169 p.

This project was undertaken cooperatively by the Bureau of Agricultural Economics, the Production and Marketing Administration, and the American Dry Milk Institute, Inc. The subtitle is "An Aid in the Utilization of the Food Constituents of Milk."

DeGraff, Herrell and Haystead, Ladd THE BUSINESS OF FARMING. Norman, Univ. of Oklahoma Press, 1948. 244 p. 281.12 D362

Part I: Soil Management. Part II: Equipment Management. Part III: Labor Management. Part IV: Farm Organization.

"It is refreshing to read farm management so easily and find complicated principles discussed with such clarity...This book is filled with reality. ...You, too, will like this book if you are a friend of the land and a realist about farming." Foreword by True D. Morse.

Food and Agriculture Organization of the United Nations. SOIL CONSERVATION, AN INTERNATIONAL STUDY. Washington, D. C., 1948. 189 p. 23 F73

"An exceptionally well organized, illustrated and documented presentation of soil conservation as a world problem, with a foreword by Sir John Orr. The several chapters deal with physical factors, economic factors, physical, economic and social losses from mismanagement of farm land, shifting cultivation, range and forest lands, organizing and planning soil conservation projects, and national soil conservation programs. The appendix contains a general bibliography, the soil conservation acts of the United States, and Mexico, the TVA memorandum of understanding and a schematic land map of the world." Soil Science, July 1948.

Gleason, Henry Allen FLANTS OF THE VICINITY OF NEW YORK. New York, New York Botanical Garden, 1947. 2d ed. 198 p. illus. 455.34 G47 Ed. 2.

Ingham, Van Wie, ed. PRACTICAL FIELD CROP PRODUCTION FOR THE NORTHEAST.

New Brunswick, N. J., Rutgers Univ. Press, 1947. 437 p. 64 Ah4

An elementary introduction to agronomy. Suggested reading at end of each chapter.

"Elementary presentation of the subject of farm crops with special reference to the region which includes Ohio on the west and West Virginia and Maryland on the south. The emphasis is on hay, pasture and silage crops but consideration is also given corn, small grains, potatoes, soybeans and tobacco. Chapters on weeds and weed control are also included...The appendix includes crop varieties recommended for the region, weights and measures used in agriculture and a glossary of technical terms. The book is well illustrated, and the material attractively presented."

Soil Science, July 1948.

Lockwood Paper Trade Journal Company. THE PROGRESS OF PAPER. New York, N.Y., 1948. 308 p. 302.8 P196

National Research Council. Highway Research Board. BIBLIOGRAPHY ON FROST ACTION IN SOILS (Annotated). Washington, D. C., 1948. 57 p. Bibliography No. 3. 241.4 N2172

Salter, Leonard Austin, Jr. A CRITICAL REVIEW OF RESEARCH IN LAND ECONOMICS. Minneapolis, Minn., Univ. of Minnesota Press, 1948. 258 p. 282 Sa3

"Dr. Salter has set up certain basic requirements for evaluating research reports...and forcefully presents the case for use of experimental method in these fields."

Book Jacket

Shoemaker, James S. SMALL FRUIT CULTURE. Philadelphia, Blakiston, 1948.
2d ed. 433 p. 94 Sh7 Ed. 2.

"A large amount of information has been added: the latest research and experimental work, based on over 150 new references;...many varieties which have come to the fore...;the new insecticides...; greater emphasis... on mulching of bramble fruits, currants and gooseberries, and cultivated blueberries; the discussion on the frozen-pack preservation of berries has been modified and enlarged; and such factors as hardiness and the causes of winterkilling of raspberries have been explained. Increased attention has been given to...the youngberry and boysenberry, the vinifera and muscadine grapes, on improved methods of culture, on practices for irrigated sections, and...further description of leading districts." Author's Preface.

Spurr, Stephen H. AERIAL PHOTOGRAPHS IN FORESTRY. New York, Ronald Press, 1948. 340 p. 325.2 Sp9

"One of the younger pioneers has presented our profession with the first composite treatise from which we may review some of the accomplishments..., the details of aerial surveys, the working principles of the subject, and the limitations and possibilities of aerial photographs in timberland management. Spurr has filled a vital need by compiling this information from the extensive literature and by incorporating his own experience along with that of many others into this excellently arranged book...This book should be welcomed and appreciated by all foresters."

Journal of Forestry, August 1948.

Wherry, Edgar T. GUIDE TO EASTERN FERNS. Philadelphia, Univ. of Pennsylvania Press, 1943, c. 1942. 2d ed. 252 p. 461.2 W57 Ed. 2.

Wherry, Edgar T. WILD FLOWER GUIDE; NORTHEASTERN AND MIDLAND UNITED STATES. Garden City, New York, Doubleday, 1948. 202 p. 455 W 57.

White, John M. THE FARMER'S HANDBOOK. Norman, Univ. of Oklahoma Press, 1948. 440 p. 30.3 W58.

An encyclopedia of agriculture. "Excellent, complete and beautifully presented." Science News Letter, July 3, 1948.

Whittemore, Herbert L. and others. STRENGTH OF HOUSES. APPLICATION OF ENGINEERING PRINCIPLES TO STRUCTURAL DESIGN. Washington, D. C., U. S. National Bureau of Standards, 1948. 132 p. BMS-109. 157.88 B862

Wilson, Harold Kirby GRAIN CROPS. New York, McGraw-Hill, 1948. 384 p. 56 W69

The author, formerly head of the Department of Agronomy, Pennsylvania State College presents his subject under the following chapter heads: I. Grain Crops and Environment; II. Plant Classification; III. Distribution of Grain Crops; IV. Crop Rotation; V. The Culture of Grain Crops; VI. Weeds; VII. Diseases of Grain Crops; VIII. Insect Pests of Grain Crops; IX. Wheat and Rye; X. Oats; XI. Barley; XII. Flax; XIII. Rice; XIV. Buckwheat; XV. The Millets; XVI. Soybeans; XVII. Corn Growing; XVIII. Corn Harvesting and Storage; XIX. Sweet Corn; XX. Popcorn; XXI. Sorghum; XXII. Marketing Grain Crops; XXIII. Improvement of Grain Crops.

PROCEEDINGS

American Society for Horticultural Science. PROCEEDINGS, volume 49. Published by the Society June 1947. Geneva, N. Y., W. F. Humphrey Press, 1947. 464 p. 81 Sol2

Society of American Foresters. PROCEEDINGS, Meeting, Minneapolis, December 17-20, 1947. Washington, D. C., 1948. 507 p. 99.8 F768P

TWO HIGHLY IMPORTANT 1948 BOOKS

Osborn, Fairfield OUR PLANDERED PLANET. Boston, Little Brown, 1948. 217 p.
279 Osl

"The President of the New York Zoological Society gives a world-wide survey of natural resources and what is happening to them through waste and prodigality." Publishers Weekly, March 6, 1948.

"This is a book that should be widely read. Almost any person reading it will want to recommend it to others. It tells perhaps the most important story of today - and it tells it well." Science, May 14, 1948.

"99 Americans out of 100 have no idea that a greater enemy than...is attacking America, and that we are spending a mere 1 per cent of the national budget to fight this enemy." Philadelphia Inquirer Book Review.

Vogt, William ROAD TO SURVIVAL. New York, Sloane Associates, 1948.
(Book of the Month Club selection)

"The case history of how fast man has worked...to consume his rich heritage. Mr. Vogt scans a wide horizon. He writes with color and with statistics that tell a devastating story. When he describes the cause of drought in the Santa Clara Valley; when he tells of what the Mexicans have done in the despoilation of their once magnificent forests, and of what the introduction of rabbits meant to the fertility of Australia; when he describes the shrinkage of the water table in Baltimore, or the costly mistakes of TVA, or why the Russians are alarmed by the drying up of their great rivers, he rouses the layman to the action point. He reminds us, in some of the most powerful prose I have read this year, that the destruction of the earth's surface and the waste of its products, as Bernard Baruch says in the Introduction, 'have a cogent meaning that touches the life, today and tomorrow, of every human being'."

Edward Weeks, Atlantic Monthly, August 1948.

GRASS: THE YEARBOOK OF AGRICULTURE 1948

When you examine this one you will agree that the USDA Yearbooks get better and better. This one, as the editor says in his preface "is the first word on the subject of grass, legumes, and the associated herbage."

The Editor goes on to say "It has many articles on how farmers, ranchers, poultrymen, livestock raisers, dairymen, and the conservationists can grow and use grasses and legumes. And because those plants are so basic to farming and living, discussions of them must include a great deal about soils, geography, agricultural history, economics and marketing, genetics, public programs and natural resources. It is therefore a book for city people as well as for farmers."

It is divided into four parts. "The four parts progress from the general aspects of the subject to the more specific. First is an examination of grass as it applies to people anywhere. The emphasis is on livestock and soils and conservation. Next is a study of grass as it is used in the regions of the United States, the emphasis being on varieties and uses. The third part is a handbook that considers the nature and identification of the most important and most useful grasses, legumes and associated plants. Finally comes a section of tables,

charts, list of plant names, recommendations of seedings and mixtures, references to further reading, and the index...For many farmers and students the last part will be the most valuable of the entire volume."

Illustrations, many of them in color, are one of the most illuminating features of this book. Acknowledgement for them is given in the preface, amongst others to A. F. Hallowell and Richard Mawhinney, both of them known to us in the Northeast as the present and former Regional Photographer in the Soil Conservation Service.

THE NORTHEAST IN PRINT

Beaumont, Arthur B. COOPERATION FOR LAND IMPROVEMENT. New England Homestead, August 14, 1948, pp. 11, 20.

Dr. Beaumont is Massachusetts State Conservationist, Amherst, Massachusetts.

See also p. 1 of this Newsletter for Dr. Beaumont's new book on garden soils.

Beeson, Kenneth C., Gray, Louise, and Hamner, Karl C. THE ABSORPTION OF MINERAL ELEMENTS BY FORAGE PLANTS. II. The Effect of Fertilizer Elements and Humus Materials on the Content of Mineral Nutrients in Soybean Leaves. American Society of Agronomy Journal, June 1948, pp. 553-562. Contribution of the U. S. Plant, Soil and Nutrition Laboratory, Ithaca, N. Y.

Brown, Grover F. LIVE SOILS ARE RICH IN HUMUS. An Agronomist Chats about Farming with Some of His New England Friends. Soil Conservation, July 1948, pp. 255-256, 259.

Dr. Brown, Chief, Agronomy Division, Soil Conservation Service, was formerly Regional Agronomist, Northeast Region.

Burgtorf, Carl HUNTING GROUND ON SPRUCE MOUNTAIN. West Virginia Hills and Streams, July-August 1948, pp. 10-12, 20-22

The author is U. S. Forest Ranger in the Potomac Ranger District.

Carter, Roy, M. and Rettie, James C. WOOD LAMINATING HIGHLIGHTS. Southern Lumberman. August 1, 1948, pp. 68-72.

Both authors are with the Forest Utilization Services Division, Northeastern Forest Experiment Station, Upper Darby, Pa.

Cox, H. R. in collaboration with F. E. Bear, R. K. Craver, Neal Manch, G. A. Quakenbush and K. P. Wilson. MONMOUTH COUNTY SOILS. Their Nature, Conservation and Use. New Jersey Experiment Station Bulletin 738. 40 p. March 1948. The last four are with the Soil Conservation Service in New Jersey.

Edminster, Frank C. THE FOOD CHAIN IN THE FARM POND. The Land, Spring 1948, pp. 73-76.

A Chapter from the very practical and popular book recently published by the Regional Biologist, Soil Conservation Service, Upper Darby, Pa.

Hamilton, Donald W. SUMMER CONTROL OF PEAR PSYLLA DURING 1947. Journal of Economic Entomology, April 1948, pp. 244-248.

The author is entomologist in charge Fruit Insects Investigations Laboratory, Bureau of Entomology and Plant Quarantine, Poughkeepsie, New York

Kucinski, Karol J. COVER CROPS. Soil Auger, July 10, 1948, p. 1.

Kucinski, Karol J. POTATO VINE LIFTERS. Soil Auger, July 10, 1948, p. 9.

Mr. Kucinski is Project Supervisor, Soil Conservation Service, Amherst, Mass.

McIntyre, A. C. WE NEED A NATIONAL LAND POLICY. Forest Leaves, Jan-Feb. 1948, p. 12.

Mr. McIntyre, Regional Forester, Soil Conservation Service, Upper Darby, Pa., has been recently chosen the new editor of Forest Leaves.

- Simmons, F. C. GOOD LOGGING PRACTICE. POINTERS IN FELLING TREES. Timber of Canada, June 1948.
- Simmons, F. C. TOOLS FOR PEELING WOOD. Timber of Canada, April 1948, pp. 32-33, 75-76.
- Mr. Simmons is with the Forest Utilization Services Division, Northeastern Forest Experiment Station, Upper Darby, Pa.
- Spaulding, Perley THE ROLE OF NECTRIA IN THE BEECH BARK DISEASES. Journal of Forestry, June 1948, pp. 449-453.
- Dr. Spaulding is Principal Pathologist, Division of Forest Pathology, Bureau of Plant Industry, Soils and Agricultural Engineering, New Haven, Conn. See USDA, May 24, 1948 for Honor Award to Dr. Spaulding.
- Tyner, Edward H., Smith, Richard M. and Galpin, Sidney L. RECLAMATION OF STRIP MINED AREAS IN WEST VIRGINIA. American Society of Agronomy Journal, April 1948, pp. 313-323.
- Dr. Smith was until recently with the Soil Conservation Service in West Virginia.
- Urquhart, Norman R. DRAINAGE PROBLEMS AND SYSTEMS OF FARMING IN THE PCCOMOKE RIVER WATERSHED OF SUSSEX COUNTY, DELAWARE. Washington, D. C., U. S. Bureau of Agricultural Economics, 1947. 40 p. In cooperation with the Soil Conservation Service.
- Mr. Urquhart was for some time with the former Bureau of Agricultural Economics in Upper Darby, Pa.

ADDITIONS TO PERIODICALS AVAILABLE FOR CIRCULATION FROM THIS LIBRARY

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| Civil engineering. m. | Newsletter. Office for Food and Feed |
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| Current research in the science of nutrition. m. | issued by the Department of Lands and Forests of Ontario. |
| issued by the Nutrition Foundation, Inc. | |

Beginning with January 1949 we will have also:

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| Series A. Agricultural. m. | issued by Amer. Society of Agronomy. |

AGAIN ON OUR SHFLVES

The following books for which we had long waiting lists are now ready on our shelves to meet your requests. They are all good books.

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| Cahalane, V. H. | MAMMALS OF NORTH AMERICA. | 1947. | 412.1 C11M |
| Graham, E. H. | THE LAND AND WILDLIFE. | 1947. | 282.12 G76 |
| Howard, Albert | SOIL AND HEALTH. | 1947. | 56.6 H83S |
| Lutz, H. J. and Chandler, R. F. | FOREST SOILS. | 1946. | 56.3 L97 |
| Pinchot, Gifford | BREAKING NEW GROUND. | 1947. | 120 P652 |
| Renne, Roland R. | LAND ECONOMICS. | 1947. | 282 R29 |

CURRENT BULLETINS ON SELECTED SUBJECTS RECENTLY RECEIVED

Cooperation in Agriculture

- McKay, A. W. FARMERS' COOPERATIVES IN OUR COMMUNITY. Washington, D. C., Farm Credit Admin., 1948. 41 p. Miscellaneous report 118. 166.3 M68
Turner, Howard B. and Bell, Florence C. BIBLIOGRAPHY ON COOPERATION IN AGRICULTURE. Washington, D. C., USDA Library, 1948. 178 p. Library List 41. 1.916 L614

Forests and Woodlands

- Cope, Joshua A. TREES AND PRODUCTS OF FARM WOODLANDS. Ithaca, N.Y., 1948. 39 p. Cornell Extension Bulletin 722. 275.29 N48
Duerr, William A. and Gustafson, R. O. MANAGEMENT OF FORESTS IN AN EASTERN KENTUCKY AREA. Lexington, Ky., 1948. 122 p. Kentucky Expt. Sta. Bulletin 518. 100 K41
Ferree, Miles J. GROWTH, CULL AND MORTALITY AS FACTORS IN MANAGING TIMBER IN THE ANTHRACITE REGION. Upper Darby, Pa., Northeastern Forest Expt. Sta., 1948. 21 p. Station Paper 15. 1.9622 N2St22
New Hampshire University Extension Service. FOREST MARKET REPORT 1947-1948. Concord, N. H., 1947. 31 p. N. H. Extension Bulletin 82. 275.29 N45
Olson, A. Richard and others STRENGTH PROPERTIES OF PLANTATION-GROWN CONIFEROUS WOODS. New Haven, Conn., 1947. Conn. Agr. Expt. Sta. Bulletin 511. 100 C76

Fruit Growing

- Blasberg, Charles H. GROWING BLUEBERRIES IN VERMONT. Burlington, Vt., 1948. 4 p. Vermont Expt. Sta. Pamphlet 19. 100 V59
Blasberg, Charles H. GROWING GRAPES IN VERMONT. Burlington, Vt., 1948. 8 p. Vermont Expt. Sta. Pamphlet 18. 100 V59
Blasberg, Charles H. GROWING RASPBERRIES IN VERMONT. Burlington, Vt., 1948. 8 p. Vermont Expt. Sta. Pamphlet 17. 100 V59
Blasberg, Charles H. GROWING STRAWBERRIES IN VERMONT. Burlington, Vt., 1948. 16 p. Vermont Expt. Sta. Pamphlet 15. 100 V59
Blasberg, Charles H. TREE FRUITS FOR VERMONT GARDENS. Burlington, Vt., 1948. 12 p. Vermont Expt. Sta. Pamphlet 16. 100 V59
Christ, E. G. and Gilbert, F. A. BUSH FRUITS IN THE HOME GARDEN. New Brunswick, N. J., 1948. 8 p. N.J.Expt.Sta.Circular 509. 100 N46S
Christ, E. G. and Farley, A. J. PLANNING FOR FRUIT IN THE HOME GARDEN. New Brunswick, N.J., 1948. 12 p. N.J.Extension Bulletin 247. 275.29 N46
Christ, E. G. and Farley, A. J. PLANTING AND CARE OF FRUIT TREES IN THE HOME GARDEN. New Brunswick, N. J., 1948. 8 p. N.J.Extension Bulletin 248. 275.29 N46
New York State College of Agriculture. VARIETIES OF FRUIT FOR NEW YORK. Ithaca, N. Y., 1948. 24 p. Cornell Extension Bulletin 733. 275.29 N48
Rollins, Howard H. and Bobb, Arthur C. GRAFTING FRUIT TREES. Storrs, Conn., 1947. 14 p. Conn. Extension Bulletin 398. 275.29 C76
Trevett, Moody F. and Hitz, Chester W. FERTILITY MANAGEMENT IN MAINE ORCHARDS. Orono, Maine, 1948. 20 p. Maine Extension Bulletin 381. 275.29 M81

Insects and Diseases

- Hadley, C. H. MILKY DISEASE FOR CONTROL OF JAPANESE BEETLE GRUBS.
Washington, D. C., Bureau of Entomology and Plant Quarantine, 1948.
6 p. EC-4 1.967 A2Ec1
- Howard, Neale F. and others. THE MEXICAN BEAN BETTLE IN THE EAST AND ITS
CONTROL. Washington, D. C., 1948. 18 p. Farmers Bulletin 1624. 1 Ag84F
- Mills, W. D. and Dewey, J. E. CONTROL OF DISEASES AND INSECTS IN THE ORCHARD.
Ithaca, N. Y., 1947. Cornell Extension Bulletin 711. 275.29 N48
- Parker, K. G. and others. THE DUTCH ELM DISEASE. Ithaca, N. Y., 1947.
44 p. Cornell Agr. Expt. Sta. Memoir 275. 100 N48M
- Parker, J. R. NEW INSECTICIDES FOR GRASSHOPPER CONTROL. Washington, D. C.,
Bur. of Entomology and Plant Quarantine, 1948. 7 p. EC-1. 1.967 A2Ec1
- Schread, John C. CONTROL OF THE JAPANESE BEETLE. New Haven, Conn., 1948.
8 p. Conn. Agr. Expt. Sta. Circular 166. 100 C76
- Weigel, C. A. and Baumhofer, L. G. HANDBOOK ON INSECT ENEMIES OF FLOWERS AND
SHRUBS. Washington, D. C., 1948. 115 p. USDA Misc. Pub. 526. 1 Ag84M

Land Use

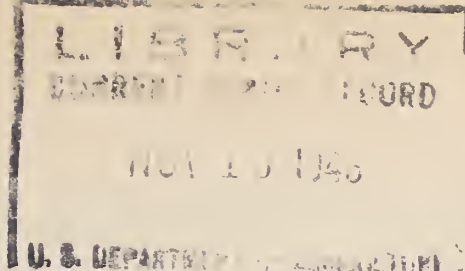
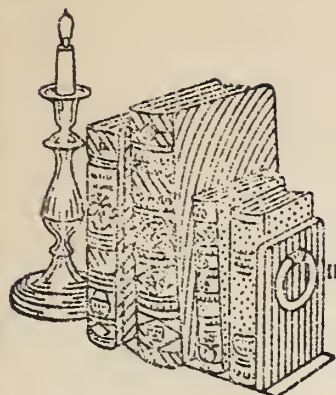
- Mason, John E. and Bondurant, John H. LAND OWNERSHIP AND USE IN KENTUCKY.
Lexington, Ky., 1948. 32 p. Ky. Expt. Sta. Bulletin 519. 100 K41

Marketing

- Gooch, Donald W., Harmon, Robert M. and Shipley, Oliver M. MARKETING OF
DAIRY PRODUCTS, 1936-1940. A List of References. Washington, D. C.,
1948. 75 p. USDA Library List 43. 1.916 L614
- Pasma, Theodore K. TRADE ASSOCIATION OPPORTUNITIES IN MARKETING RESEARCH.
Washington, D. C., U. S. Dept. of Commerce, 1948. 79 p. Industrial
Series 78. 157.54 In24
- Spangler, Raymond L. PREPARATION OF FRESH TOMATOES FOR MARKET. Washington,
D. C., 1948. Rev. 48 p. USDA Farmers Bulletin 1291. 1 Ag84F
- U. S. Production and Marketing Administration. FACTS COMPILED FROM A SUR-
VEY OF MARKETING AND RELATED ACTIVITIES IN THE U. S. DEPARTMENT OF
AGRICULTURE. Parts 1 and 2. Washington, D. C., 1948 (?). 455 p.
- U. S. Production and Marketing Administration. THE MARKET NEWS SERVICE ON
FRUITS AND VEGETABLES; ITS HISTORY AND OPERATION. Washington, D. C.,
1948. 12 p. 1.956 A2M34
- Wilhelmy, Odin, Jr. AVAILABILITY AND PRICE OF FROZEN, CANNED AND FRESH
FRUITS AND VEGETABLES IN THE RETAIL MARKET. Ithaca, N. Y., New York
State College of Agriculture, 1948. 49 p. AE-666. 281.9 C81

Soils and Sandblows

- Farris, Nolan F. SOIL EROSION EXPERIMENTS AT STATE COLLEGE, PENNSYLVANIA.
State College, Pa., 1948. 17 p. Pa. Expt. Sta. Bulletin 497. 100 P38
- Gilligan, G. M. and Phillips, C. E. FERTILITY STATUS OF DELAWARE SOILS.
Newark, Del., 1947. 20 p. Del. Expt. Sta. Bulletin 269. 100 D37
- Kelly, Joseph B. and others. REVEGETATION OF SANDBLOWS IN VERMONT.
Burlington, Vt., 1948. 16 p. Vt. Expt. Sta. Bulletin 542. 100 V59



LIBRARY NEWSLETTER

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LIBRARY NEWS

Vol. 8, Nos. 9 and 10

September and October 1948.

NEW BOOKS RECEIVED IN YOUR LIBRARY THIS AUTUMN

Asch, John THE STORY OF PLANTS. New York, Putnam, 1948. 407 p.

Illustrated by Tabea Hoffman. 463 As2

"A delightful and highly interesting book written by an alumnus of the National Farm School, Doylestown, Pennsylvania... After further studies in California and France, he carried on plant exploration work with the Hebrew University at Jerusalem, and during the recent war founded and directed agricultural training camps in Europe for refugees, and trained the teachers who took over the work. Clearly inheriting a generous measure of his father's (Sholem Asch) skill as a writer, he has brought together in one volume the complete story of the origin, development and functioning of plant life, and its many sided significance in man's life, and clothed his scientific facts with all the charm of a romantic novel. And for good measure included a chapter on the atom, basis of all matter, which is particularly timely."

Sunday Bulletin, Philadelphia, June 20, 1948

Daubenmire, Rexford F. PLANTS AND ENVIRONMENT: A TEXTBOOK OF PLANT AUTOECOLOGY.

New York, Wiley, 1947. 424 p. 463.8 D26

Literature cited p. 381-409

"It deals with those phases of geology, soils, climatology, and biology that affect the distribution and well-being of living things. Consideration is also given to the fire factor, the environmental complex, and adaptation and evolution. The material is interestingly and attractively developed.... The book should be especially interesting to soil scientists in that it brings to bear a point of view that merits more consideration than is often given to it."

Soil Science, April 1948.

"Of particular interest to foresters because of the large proportion devoted to trees ... Of especial interest is the chapter on fire ... generously sprinkled with examples showing how the information can be used in every day agriculture, silviculture, and range management. The book is written in a bold, clear style."

Journal of Forestry, September 1948.

Finch, Verner Clifford THE EARTH AND ITS RESOURCES: A TEXTBOOK FOR COURSES IN PHYSICAL GEOGRAPHY AND EARTH SCIENCE. 2d ed. New York, McGraw-Hill 1948. 584 p. 331 F49E Ed.2

"Brought entirely up-to-date incorporating the latest developments in meteorology, radar in weather study, use of ultraviolet light in searching for minerals, flood control and soil conservation."

Publishers Weekly, June 19, 1948.

Johnson, Vance HEAVEN'S TABLELAND: THE DUST BOWL STORY. New York, Farrar, 1947. 288 p. 138 J632

"In the fine tradition of American reporting ... a thoroughgoing popular history of the Dust Bowl. Not only does Mr. Johnson have a sound grasp of the major elements of the story, but he develops its principal themes with a richness of detail and incident that makes their meaning crystal clear. One is immensely moved by the story of the patience, the integrity and the social idealism of the soil experts and technicians who have fought such an uphill struggle to assert the mastery of science over a tricky environment ... Immensely readable, well organized and constantly pertinent."

Carey McWilliams, American Academy of Political and Social Science, Annals 236, March 1948.

"Highly recommended for accuracy and readability."

Saturday Review of Literature, November 1947.

Murray, William Gordon AGRICULTURAL FINANCE: PRINCIPLES AND PRACTICES OF FARM CREDIT. Ames, Iowa State College Press, 1947. 372 p. Ed. 2. 284.2 M96 Ed. 2.

"A handbook ... for bankers, farm appraisers, farm managers, and every other person confronted with farm credit problems. Part I discusses the principles of farm credit from the viewpoints of both the borrower and the lender. Part II describes the many agencies lending to farmers and appraises each in the light of its service to the farmer."

Iowa State College Press

New York (State) Conservation Department. THE RUFFED GROUSE, LIFE HISTORY, PROPAGATION AND MANAGEMENT. Albany, New York, 1947. 915 p.

Included in the five authors are Frank C. Edminster, U. S. Soil Conservation Service, Upper Darby, Pa. and Theodore C. Fearnow, U. S. Forest Service, Philadelphia, Pa.

Olson, O. Joe, ed. EDUCATION ON THE AIR. 17th Yearbook of the Institute for Education by Radio. Columbus, Ohio State University, 1947. 531 p.

Perry, Clay UNDERGROUND EMPIRE: Wonders and Tales of New York Caves.

New York, Stephen Daye Press, 1948. 221 p. (The American Cave Services.) Foreword by Carl Carmer.

Plymouth Cordage Company. MANUAL OF ROPE USAGE. Plymouth, Mass., 1947 (?). 106 p.

"How rope is made, and how to use and care for it properly."

Smith, Harris Pearson FARM MACHINERY AND EQUIPMENT. Ed. 3. New York, McGraw-Hill, 1948. 520 p. 58 Sm5 Ed. 3.

Taylor, Donald W. FUNDAMENTALS OF SOIL MECHANICS. New York, Wiley, 1948. 700 p. 56.43 T21

"Although written for the graduate student in engineering, this book contains material ... highly interesting to those engaged in the study of soils in relation to agriculture... The book is well illustrated and it contains a considerable amount of very useful data. One of the most interesting figures is that showing the Casa Grande soil classification for air field projects."

Soil Science, August 1948.

Teller, Walter Magnus THE FARM PRIMER: A MANUAL FOR THE BEGINNER AND PART-TIME FARMER. Philadelphia, McKay, 1948. Enlarged. 282 p. 30.3 T23 1948
"Two sections on livestock and farm buildings have been added."
Publishers Weekly, August 14, 1948.

AGAIN ON OUR SHELVES

The following books at one time in such demand that you found them hard to get are now free to meet your requests.

Boerker, Richard H. BEHOLD OUR GREEN MANSIONS. 1945. 99.61 B63B
Bremfield, Louis PLEASANT VALLEY. 1945. 31.3 B78
Faulkner, Edward H. PLOWMAN'S FOLLY. 1943. 56.7 F27
Larson, Gustav E and Teller, W.M. WHAT IS FARMING? 1945. 31.3 L32
Lowdermilk, Walter C. PALESTINE LAND OF PROMISE. 1944. 280.185 L95
Mitchell, John W. and Marth, Paul C. GROWTH REGULATORS FOR GARDEN, FIELD AND ORCHARD. 1947. 90.11 M69
Renner, George T. CONSERVATION AND CITIZENSHIP. 1940. 279 R26.
Van Dersal, William R. and Graham, Edward H. THE LAND RENEWED. 1946. 56.7 V28

THE NORTHEAST IN PRINT

Brown, Grover F. and Ellison, Walter D. A NEW APPROACH TO EROSION CONTROL. What's New in Crops and Soils, v. 1, no. 1, October 1948, pp. 12-13, 24.
Dr. Brown, now Chief Agronomist, was formerly Regional Agronomist with the Soil Conservation Service in the Northeast.

Brunson, M. H. and Allen, H. W. ORIENTAL FRUIT MOTH COCCOON PARASITES. Journal of Economic Entomology, June 1948, pp. 443-445
Both authors are engaged in research for the Bureau of Entomology and Plant Quarantine in the laboratories at Moorestown, New Jersey.

Edminster, Frank C. TROUT PONDS FOR THE FARM. Better Farming Methods, October 1948, pp. 21, 31, 42, 44.
Mr. Edminster is Regional Biologist, with the Northeastern Region, U. S. Soil Conservation Service.

Hamilton, Donald W. PEAR PSYLLA CONTROL WITH LORMANT SPRAYS. Journal of Economic Entomology, June 1948, pp 443-445.
Mr. Hamilton is entomologist in charge of Fruit Insect Investigations at Poughkeepsie, New York for the Bureau of Entomology and Plant Quarantine.

Ineson, Frank A. and Ferree THE ANTHRACITE FOREST REGION: A Problem Area. USDA Miscellaneous Publication 648. Washington, D. C., 1948. 71 p.

Ritter, Edward POCKET SIZE FIRE CONTROL PLANS. Fire Control Notes, October 1948, p. 43
Mr. Ritter is with the U. S. Forest Service, Region 7, Philadelphia, Pa.

Simmons, F. C. CHOOSING METHODS AND EQUIPMENT FOR LOGGING. Southern Lumberman, September 15, 1948.
Mr. Simmons is with the Northeastern Forest Experiment Station, Upper Darby, Pennsylvania

FOR REFERENCE

National Research Council. HANDBOOK OF SCIENTIFIC AND TECHNICAL SOCIETIES IN THE UNITED STATES. 5th ed. Washington, D. C., 1948. 371 p. 330.9 N21

A NEW MAGAZINE

Dr. John P. Jones, Chief, Regional Agronomy Division, Soil Conservation Service, Upper Darby, Pa. wrote in Field Letter #73 dated September 10, 1948:

"For a long time there has been need for a popular type of magazine covering latest developments in the field of agronomy. Such a magazine is now available, being published by the American Society of Agronomy, and is entitled, "Crops and Soils". This magazine should be of interest to all people in soil conservation, particularly farm planners and district conservationists as it will carry information in a popular form covering latest developments in soil conservation and other phases of agronomy. The new magazine aims to cover the gap between the scientific journals ...and the popular type of farm magazine ...

I commend it to you It is available in the USDA Branch Library but it is not likely that Miss Parker will have enough copies to service everyone. I therefore hope that many of you will be interested enough to send in a subscription ... This magazine will carry with it the authority and scientific standards of the American Society of Agronomy and for this reason will be particularly valuable to technical personnel."

YOUR BRANCH LIBRARY HAS TWO SUBSCRIPTIONS - ENOUGH TO TAKE CARE OF ABOUT 20 MORE READERS THAN WE NOW HAVE ON OUR ROUTING LISTS FOR THIS NEW MAGAZINE

"What's New in CROPS AND SOILS."

CURRENT BULLETINS ON SELECTED SUBJECTS

Agricultural Missions

Lowdermilk, Walter G. CONQUEST OF THE LAND THROUGH SEVEN THOUSAND YEARS, Washington, D. C. 1948. 33 p. (SCS-MP-32.).

A slightly revised reprint of Dr. Lowdermilk's description of his 18 month trip in 1938-39 through western Europe, North Africa and the Middle East. This trip was sponsored by the Soil Conservation Service at the request of a congressional committee.

U. S. Office of Foreign Agricultural Relations. REPORT OF THE UNITED STATES-LEBANON AGRICULTURAL MISSION. Washington, D. C., 1948. 76 p. (International Agricultural Collaboration Series No. 7.)

Atomic Energy

Lilienthal, David E. ATOMIC ENERGY AND THE AMERICAN FARMER. Washington, D.C., Atomic Energy Commission, 1947. 16 p.

Lilienthal, David E. THE BUSINESS SIDE OF THE ATOM. Washington, D. C., Atomic Energy Committee, 1948. 18 p.

Waymack, W. W. ATOMIC ENERGY: HOW AND WHAT? Washington, D. C. Atomic Energy Commission, 1948. 17 p.

Cooperatives

U. S. Bureau of Labor Statistics. CONSUMER COOPERATIVES AND CREDIT UNION OPERATIONS IN 1946. Washington, D. C., 1948. 20 p. (Bulletin 922.) 158.6 B87

Wanstall, Grace. STATISTICS OF FARMERS' MARKETING AND PURCHASING COOPERATIVES 1945-46. Washington, D. C. Farm Credit Administration, 1948. 54 p. (Miscellaneous Report 119.) 166.3 M68

Family Income

U. S. Bureau of Human Nutrition and Home Economics. HOW FAMILIES USE THEIR INCOMES. Washington, D. C., 1948. 64 p. (Miscellaneous Publication 653.) 1 Ag84 M

Forest Air Survey

Nash, A. J. THE NASH SCALE FOR MEASURING TREE CROWN WIDTHS. Ottawa, Canada, Dominion Air Survey, 1948. 4 p. (Reprint from Forestry Chronicle v. 84, no. 2, June 1948.) 99.9 C16F

Seeley, H. E. THE FORESTRY TRI-CAMERA METHOD OF AIR PHOTOGRAPHY. Ottawa, Canada, Dominion Air Survey, 1948. 11 p. (Forest Air Survey Leaflet 3.) 99.9 C16F

Seeley, H. E. THE SHADOW HEIGHT CALCULATOR. Ottawa, Canada, Dominion Air Survey, 1948. 6 p. (Forest Air Survey Leaflet 2.) 99.9 C16F

Government Motion Pictures

U. S. Library of Congress. Motion Picture Division, GUIDE TO U. S. GOVERNMENT MOTION PICTURES. Washington, D. C. 1947. 104 p. (v. 1, no 1. June 1947)

Motion picture titles and brief descriptions listed according to subject. Both titles and subjects included in alphabetical index.

Grain Grading

Combs, Willis B. and Smith, Fred G. GRAIN GRADING PRIMER. Washington, D. C., 1948. 61 p. (USDA Miscellaneous Publication 325 rev.) 1 Ag84M

Mint Farming

Sievers, A. F. MINT FARMING. Washington, D. C. 1948. 30 p. (USDA Farmers Bulletin 1988.) 1Ag84F

Potatoes

Dykstra, T. P. POTATO DISEASES AND THEIR CONTROL. Washington, D. C. 1948, 53 p. (USDA Farmers Bulletin 1881 rev.) 1Ag84F

Dykstra, T. P. PRODUCTION OF DISEASE-FREE SEED POTATOES. Washington, D. C. 1948. 64 p. (USDA Circular 764.) 1 Ag84C

Lombard, P. M. and others POTATO PRODUCTION IN THE NORTHEASTERN AND NORTH CENTRAL STATES. Washington, D. C., 1948. 70 p. (USDA Farmers Bulletin 1948.) 1 Ag84F

Lutz, J. M. and Simons, J. W. STORAGE OF SWEET POTATOES. Washington 1948. 50 p. (USDA Farmers Bulletin 1442 rev.) 1Ag84F

Recreation and Wildlife

Connecticut. Commission on Forests and Wild Life. REPORT TO THE GOVERNOR FOR FIFTEEN YEARS, July 1, 1930 to June 30, 1945. Hartford, Conn., 1945. 61 p. (Public Document No. 81.) O 99.9 C76

New Hampshire State Planning and Development Commission. RECREATION PROPERTY IN NEW HAMPSHIRE 1945. Concord, N.H., 1948. 28 p. 280.7 N486Pe

Soils - New Hampshire

New Hampshire State Planning and Development Commission. GLACIAL TILL IN NEW HAMPSHIRE, by Lawrence Goldthwaite. Concord, N.H., 1948. 11 p. (Mineral Resource Survey Pt. 10.) 280.7 N45M

Spruce and Pine

Bedell, G. H. D. WHITE SPRUCE REPRODUCTION IN MANITOBA. Ottawa, Canada, Dominion Forest Service, 1948. 16 p. (Silvicultural Research Note 87.) 99.9 C16Re

Nutting, A. D. and McGuire, John R. OBSERVATIONS ON FIRE-DAMAGED WHITE PINE IN SOUTHWESTERN MAINE July 1948. (Upper Darby, Pa., Northeastern Forest Experiment Station, 1948. 9 p. (Station Paper 19.) 1.9622 N2St22

Wood Utilization

Aries, Robert S. THE PULPING OF SOUTHERN NEW ENGLAND HARDWOODS. New Haven, Northeastern Wood Utilization Council, 1948. 26 p. (Bulletin 20.) 99.9 N819B

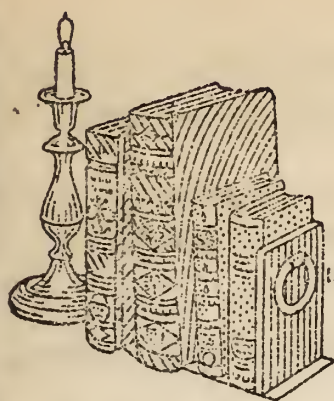
Aries, Robert S. A SMALL CONTINUOUS WOOD DISTILLATION UNIT. New Haven, Conn., Northeastern Wood Utilization Council, 1948. 15 p. (Bulletin 24.) 99.9 N819B

Fenton, R. H. WOOD CONTENT OF STACKED 4-FOOT POUND PULFWOOD IN CONNECTICUT. Upper Darby, Pa., Northeastern Forest Experiment Station, 1948. 8 p. (Station Paper 17.) 1.9622 N2St22

YOUR LIBRARY

Ask your librarian to send you any or all of the following if you need to know more about your library:

1. What Every USDA Employee in the Northeast Should Know About His Library.
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5. Library Request Form AD-245, convenient for requesting publications. (These forms are available from your Bureau Supply Office and directions for their use from this Library.)



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LIBRARY NEWS

Vol. 8, Nos. 11 and 12.

November and December 1948

"Library services are essentially part of the practical apparatus of intellectual cooperation."
Edward J. Carter, UNESCO, Library Quarterly, October 1948

NEW BOOKS RECEIVED RECENTLY IN YOUR LIBRARY

- Chew, Arthur P. FLOWSHARES INTO SWORDS: AGRICULTURE IN THE WORLD WAR AGE. New York, Harper, 1948. 227 p. 281 C42
The title is taken from the prophet Joel's exhortation, "Beat your plowshares, and your pruning hooks into spears."
"The polished urbanity and crystal clarity of his style make this highly philosophical little book easy reading." USDA, October 25, 1948
- Foster, Edgar E. RAINFALL AND RUNOFF. New York, Macmillan, 1948. 487 p. 340 F81.. To be reviewed in our next issue.
"A picture of the science of hydrology and runoff attempting to introduce into hydrological practice the use of methods of statistical analysis." Publishers Weekly, September 25, 1948.
- Hazard, Joseph T. OUR LIVING FORESTS: THE STORY OF THEIR PRESERVATION AND MULTIPLE USE. Seattle, Superior Publishing Co., 1948. 302 p. 99.61 H33
New techniques of forest management; modern lumbering, reforestation, use of forest wastes and the science of forestry are described.
- Hawley, Ralph Chipman and Stickel, Paul W. FOREST PROTECTION. 2d ed. New York, Wiley, 1948. 355 p. 99.5 H31 Ed. 2
- Kile, Orville Norton THE FARM BUREAU THROUGH THREE DECADES. Baltimore, Waverley Press, 1948. 416 p.
"The story of the growth and development of the Farm Bureau is one of the great stories of American agriculture." Allan B. Kline, President, American Farm Bureau Federation in his introduction to this book.
- Knuchel, H. MANAGEMENT CONTROL IN SELECTION FOREST. Oxford, Imperial Forestry Bureau, 1946. 32 p. (Technical Communication No. 5.) 99.9 Im7

Finch, Verner Clifford THE EARTH AND ITS RESOURCES: A TEXTBOOK FOR COURSES IN PHYSICAL GEOGRAPHY AND EARTH SCIENCE. 2d ed. New York, McGraw-Hill 1948 584 p. 331 F49E Ed. 2

"Brought entirely up-to-date incorporating the latest developments in meteorology, radar in weather study, use of ultraviolet light in searching for minerals, flood control and soil conservation."

Publishers Weekly, June 19, 1948.

Johnson, Vance HEAVEN'S TABLELAND: THE DUST BOWL STORY. New York, Farrar, 1947. 288 p. 138 J632

"In the fine tradition of American reportinga thoroughgoing popular history of the Dust Bowl. Not only does Mr. Johnson have a sound grasp of the major elements of the story, but he develops its principal themes with a richness of detail and incident that makes their meaning crystal clear. One is immensely moved by the story of the patience, the integrity and the social idealism of the soil experts and technicians who have fought such an uphill struggle to assert the mastery of science over a tricky environmentImmensely readable, well organized and constantly pertinent."

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Saturday Review of Literature, November 1947.

Murray, William Gordon AGRICULTURAL FINANCE: PRINCIPLES AND PRACTICES OF FARM CREDIT. Ames, Iowa State College Press, 1947. 372 p. Ed. 2. 284.2 M96 Ed. 2.

"A handbookfor bankers, farm appraisers, farm managers, and every other person confronted with farm credit problems. Part I discusses the principles of farm credit from the viewpoints of both the borrower and the lender. Part II describes the many agencies lending to farmers and appraises each in the light of its service to the farmer."

Iowa State College Press

New York (State) Conservation Department. THE RUFFED GROUSE, LIFE HISTORY, PROPAGATION AND MANAGEMENT. Albany, New York, 1947. 915 p. Included in the five authors are Frank C. Edminster, U. S. Soil Conservation Service, Upper Darby, Pa., and Theodore C. Fearnow, U. S. Forest Service, Philadelphia, Pa.

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Perry, Clay UNDERGROUND EMPIRE: Wonders and Tales of New York Caves. New York, Stephen Daye Press, 1948. 221. p. (The American Cave Services.) Foreword by Carl Carmer.

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Smith, Harris Pearson FARM MACHINERY AND EQUIPMENT. Ed. 3. New York, McGraw-Hill, 1948. 520 p. 58 Sm5 Ed. 3.

Taylor, Donald W. FUNDAMENTALS OF SOIL MECHANICS. New York, Wiley, 1948. 700 p. 56.43 T21

"Although written for the graduate student in engineering, this book contains material ...highly interesting to those engaged in the study of soils in relation to agriculture ... The book is well illustrated and it contains a considerable amount of very useful data. One of the most interesting figures is that showing the Casa Grande soil classification for air field projects."

Soil Science, August 1948.

Dowhurst, J. Frederic and Associates. AMERICA'S NEEDS AND RESOURCES. A Twentieth Century Fund Survey which includes estimates for 1950-1960. 1947. 280.12 D512

Edminster, Frank C. FISH PONDS FOR THE FARM. 1947. 414 Ed5

"The first book on fish pond management ... since the revival of interest in farm fish ponds ... The author's experience and his ability to write have made it possible for him to bring together information from several sources and present it with clarity." Jour. Soil and Water Conservation, July 1948.

Gustafson, A. F. USING AND MANAGING SOILS. 1948. 56.7 G97U

Food and Agriculture Organization of the United Nations. SOIL CONSERVATION: AN INTERNATIONAL STUDY. 1948. 23 F73

"A landmark along the highway of peaceful effort." The Land, Autumn 1948.

Stewart, George FIRE. 1948.

"Thrilling drama of the smouldering growth of the Spit cat and of man's... failures and successes in battling the flaming holocaust...intensely interesting reading." American Forests, October 1948

"OUR IMPERILED RESOURCES"

At last an up-to-date list of books of the first quality on conservation has been publicized. It happened in October. At the Herald Tribune's Forum in New York City the first section of the mimeographed list of books distributed to those who attended was devoted to natural resources. This list was commented on in detail book by book in the Herald Tribune's Sunday Supplement which was a massive and impressive report of the proceedings of the Forum. It was reprinted in the Publishers Weekly and no doubt elsewhere.

Their complete list on Conservation of Our Natural Resources follows. After 28 of the 33 books included you will note library "call numbers" thereby indicating that they are available directly from your own Branch Library. The other five books listed may be obtained through your Branch from the Main Library.

PLEASANT VALLEY, Louis Bromfield, Harper. 31.3 B78

MALABAR FARM, Louis Bromfield, Harper. 31.3 B78M

THE SOILS THAT SUPPORT US, Charles E. Kellogg, Macmillan. 56 K29

THE LAND AND WILDLIFE, Edward H. Graham, Oxford. 282.12 G76

SOIL CONSERVATION, Hugh Hammond Bennett, McGraw-Hill. 56.7 B43S

NATURAL PRINCIPLES OF LAND USE, Edward H. Graham, Oxford. 282 G76

OUR LIVING FORESTS, Joseph T. Hazard, Superior Pub. Co. 99.61 H33

RAINFALL AND RUNOFF, E. Foster, Macmillan. 340 F81

PLOWMAN'S FOLLY, Edward H. Faulkner, Grosset and Dunlap Pub. 56.7 F27

A SECOND LOOK, Edward H. Faulkner, Univ. of Oklahoma Press. 56.7 F27S

AS YOU SOW, Walter Goldschmidt, Harcourt Brace. 281.010 G57

SOUTHERN HORIZONS, William Haynes, D. Van Nostrand.

FOOD FOR THE WORLD, Theodore W. Schultz, ed., Univ. of Chicago Press. 389 SC48

CONSERVATION OF NATIONAL RESOURCES, George T. Renner, Wiley & Sons. 279 R29C

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